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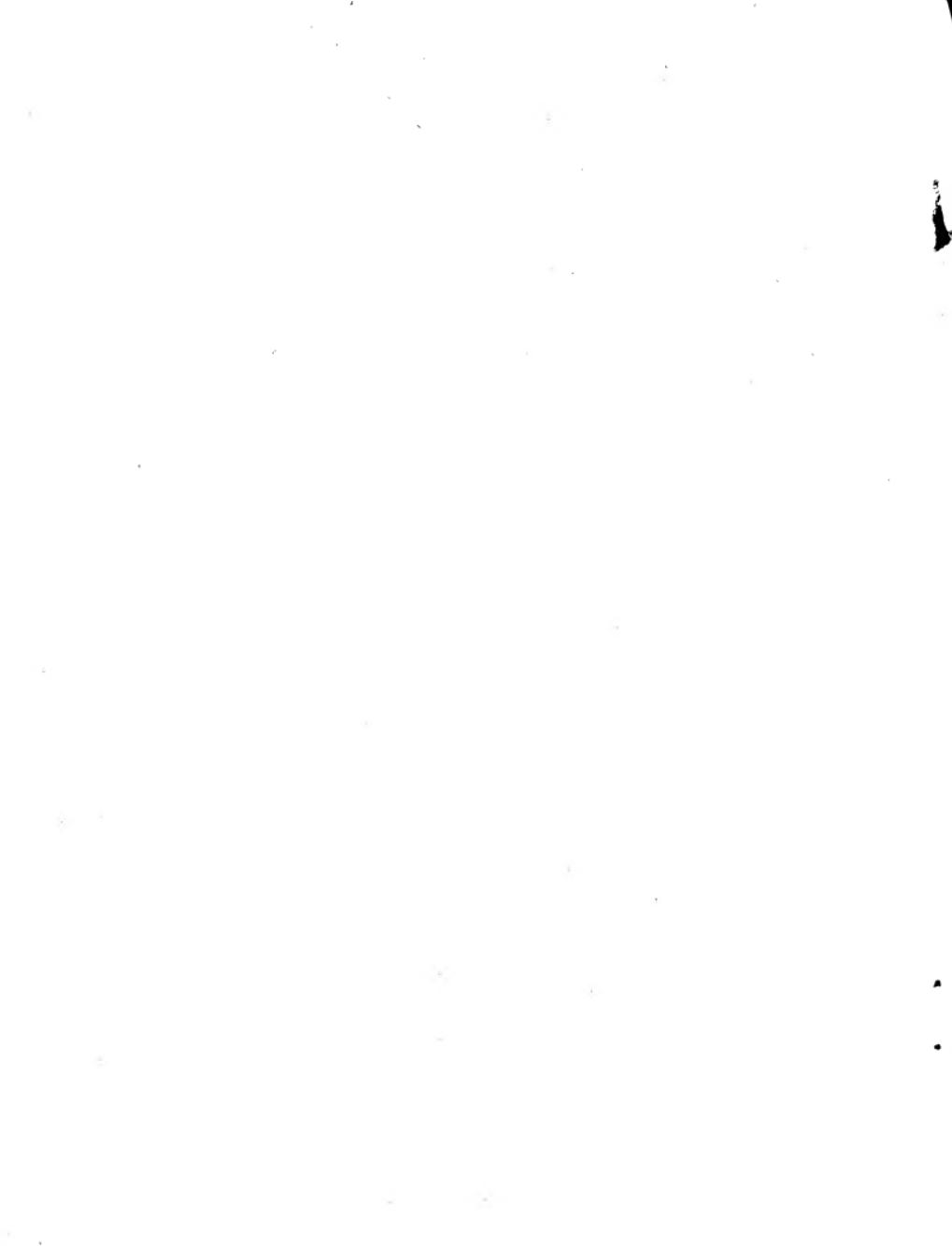


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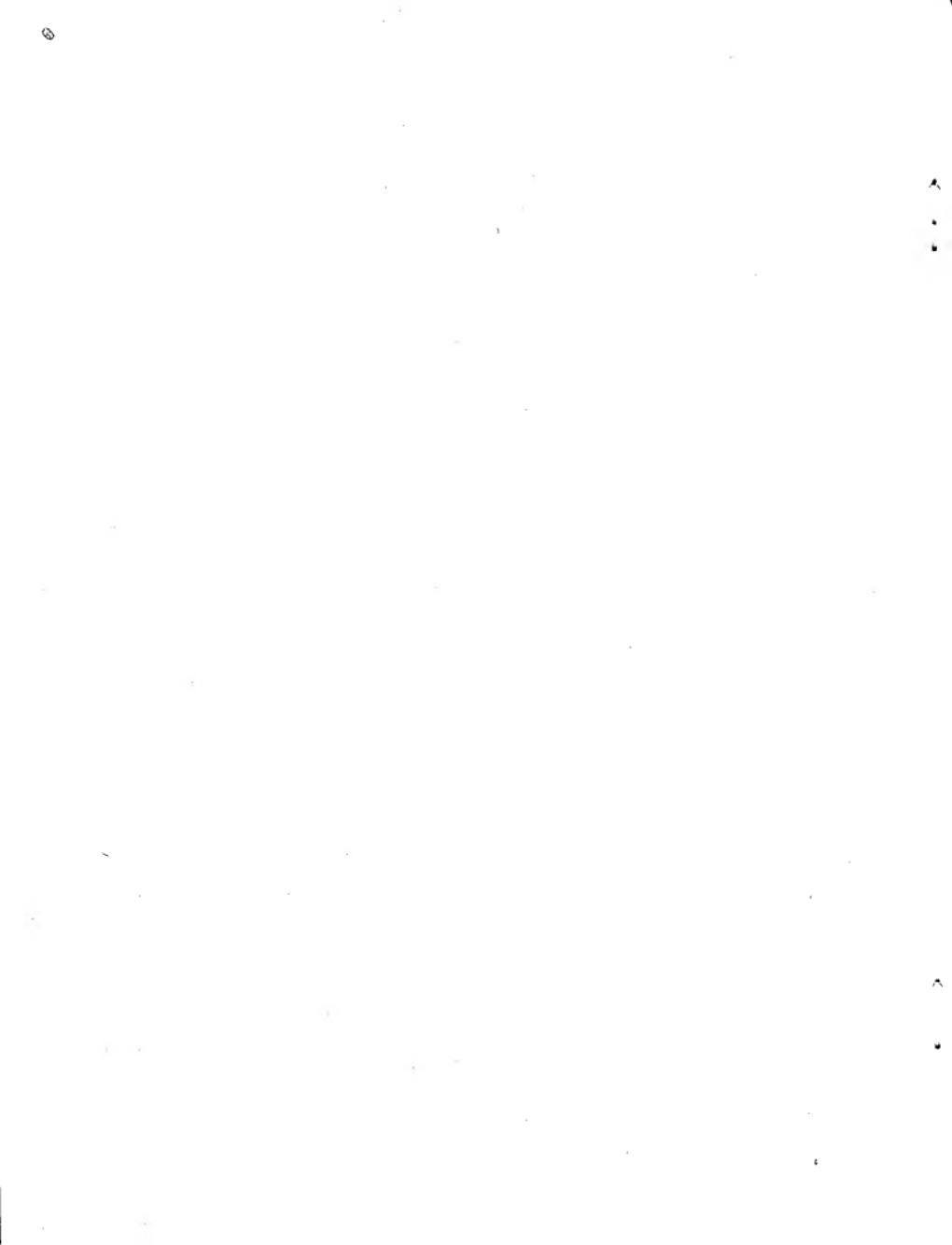
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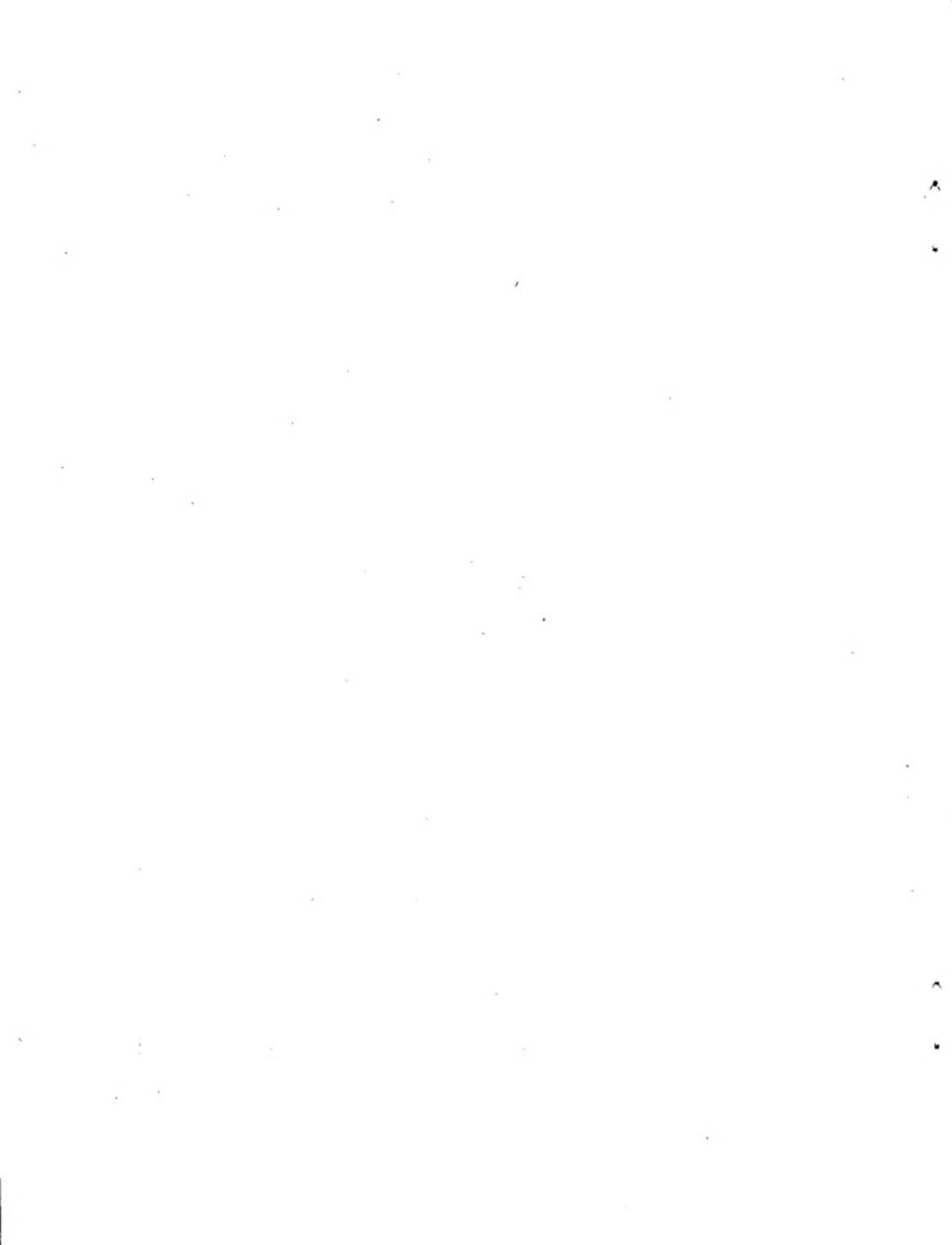
# **1995 GEOGRAPHY CATALOGUE**

Version française disponible sur demande



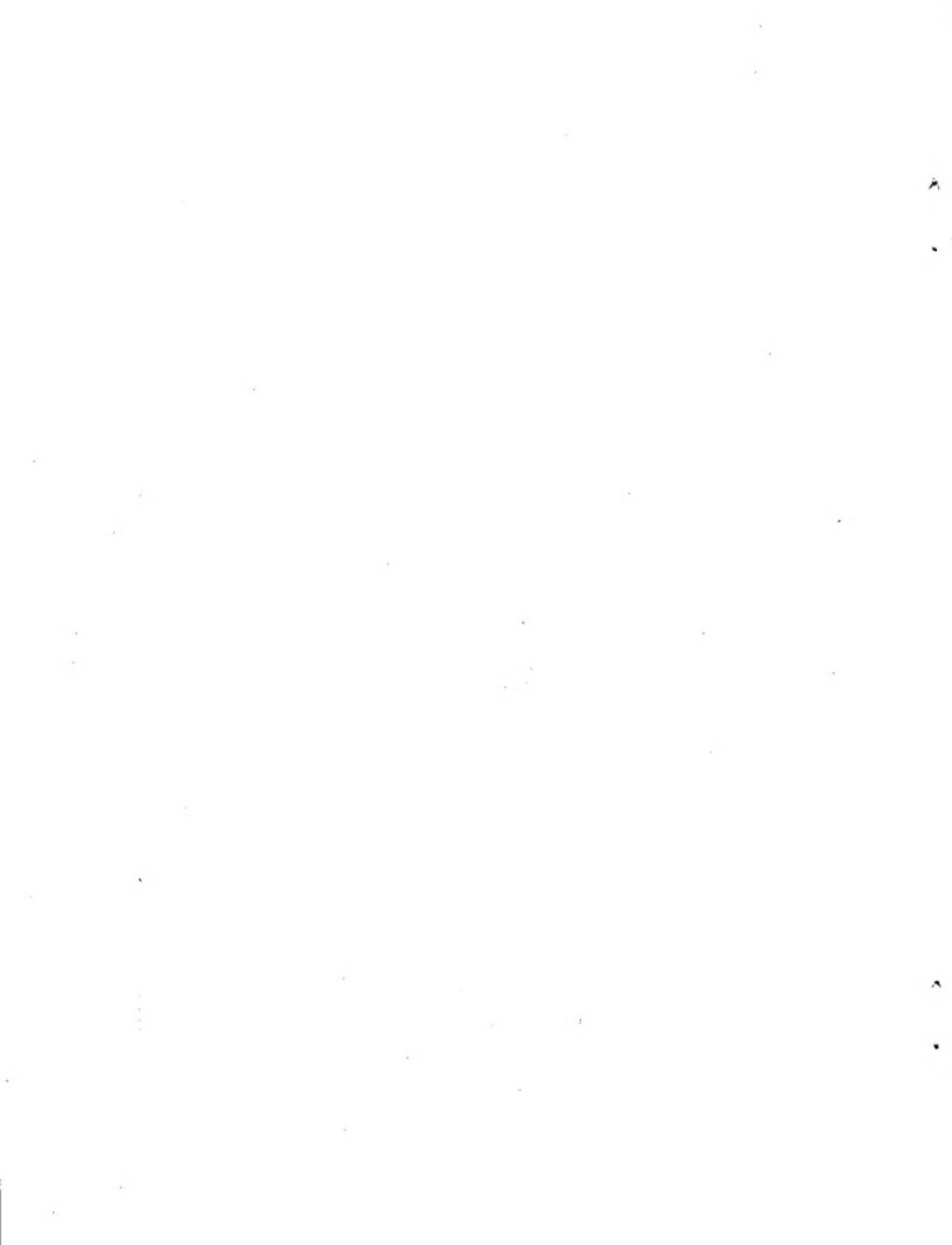
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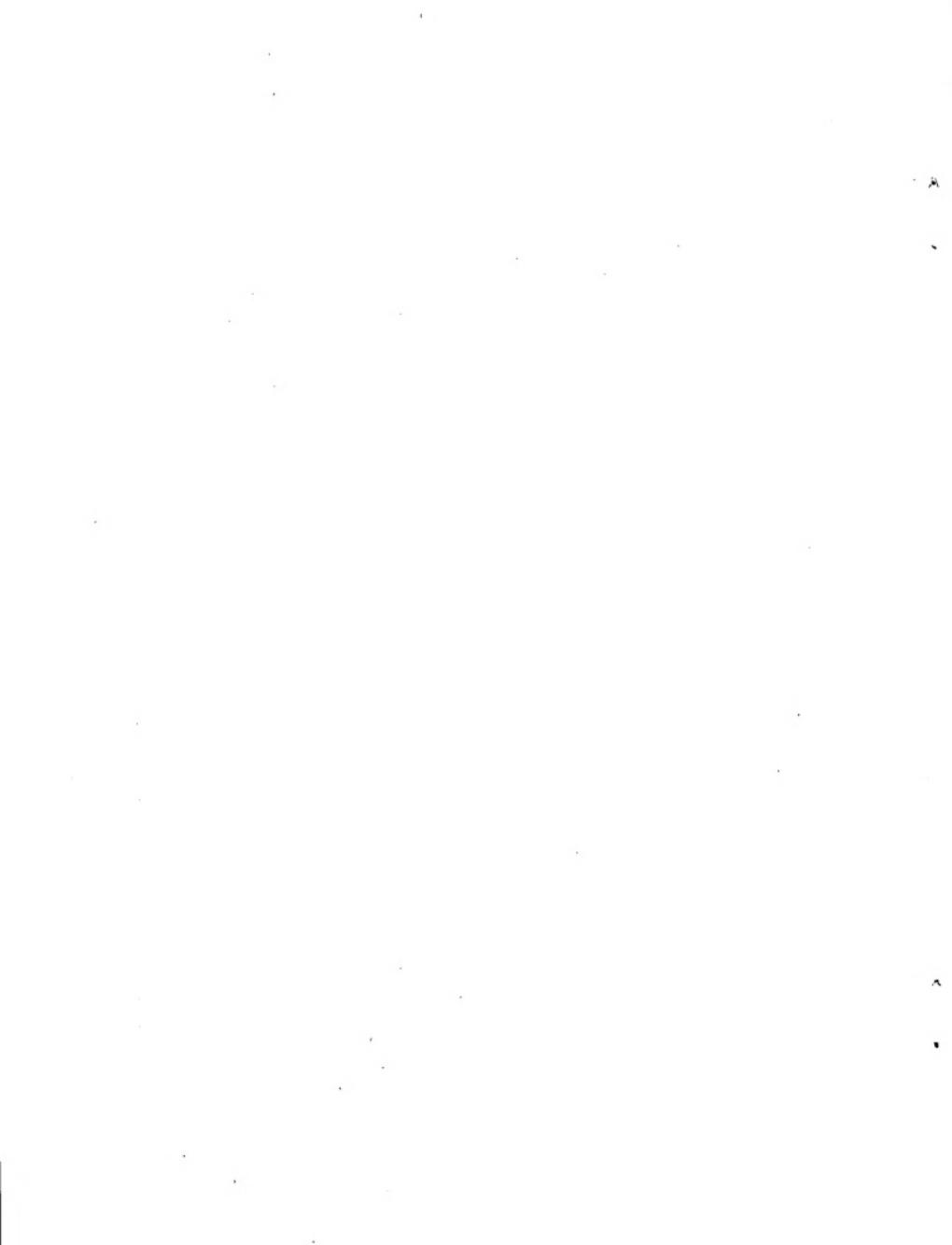
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# 1995 Geography Catalogue

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Statistics Canada (STC) maintains a spatially referenced geographic database in support of the Censuses of Population and Agriculture, the Standard Geographical Classification and other Statistics Canada programs. STC also develops geographical concepts, delineates geographic areas, produces maps and other published reference materials, produces files on magnetic tape and diskette, and offers a variety of services.

This catalogue provides information about the geographic products and services produced by Statistics Canada. It contains short descriptions of the products and services, along with the most current information on availability and prices.

Prices and other details quoted in the 1995 Geography Catalogue were accurate at the time of publication. Please contact the nearest Statistics Canada Regional Reference Centre for more up-to-date information. Prices are exclusive of the Goods and Services Tax (G.S.T.). Prices are quoted in Canadian and US dollars.

The 1995 Geography Catalogue is divided into five sections:

- **The first section** describes most of the geographical reference tools available from Statistics Canada. These tools, including maps, publications and diskette products, provide definitions for geographical concepts and allow users to locate the appropriate geographic areas for their census data. Some, such as *GEOREF*, also provide 1991 Census population and dwelling counts.
- **The second section** is devoted to geography data products, including the *Population and Dwelling Counts Series* from the 1991 Census.
- **The third section** is a comprehensive collection of digital products offered by the Geography Division. Products include boundary files, postal code conversion files and street networks at various geographic levels.
- **The fourth section** outlines Geography Division's custom services. We are available for consultation on how Geography products and services can best be applied or customized.
- **The fifth section** provides information on geographic products related to Statistics Canada's Agriculture and Environment programs.

At the end of the 1995 Geography Catalogue, you will find a glossary of geographic terms used throughout the text.

# 1. Geographic Reference Products

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Geographic Reference Products give users the tools needed to understand geographic concepts and to locate the geographic areas appropriate to their census and other data needs.

*Reference maps* identify census geographic areas and assist users in locating boundaries, allowing them to relate census data to actual physical locations.

*Enumeration Area Reference Lists* provide lists of enumeration areas and show their corresponding areas in the geographic hierarchy. The enumeration area is the smallest standard geographic unit.

*Other reference products* include electronic products, such as *COGG* (Complete On-line Guide to Geography) and *GEOREF* (Geographic Information Reference System), and print products that explain geographic areas and terms as well as providing information on historical comparability.

## 1991 Reference Maps

Over 5,000 reference maps (see Appendix 1 - Number of 1991 Reference Maps by Province/Territory) are available for geographic areas that range in size from enumeration areas (the census collection unit) to census tracts (neighbourhoods), census subdivisions (municipalities), census divisions (counties), census agglomerations and census metropolitan areas (large urban centres), and federal electoral districts (Members of Parliament's ridings). Maps are available individually or as sets. Enumeration area maps are printed upon request and the remaining reference maps are available pre-printed in three colours.

## ENUMERATION AREA MAPS

The enumeration area reference maps cover three distinct types of areas: large urban centres, small urban centres and rural areas. All depict the enumeration area as their smallest reference unit. The maps also include roads, railroads, hydrography and other notable physical features. (See **Appendix 2 - Reference Maps/Samples**.)

### ***Series 1: Large Urban Centres***

The Series 1 maps depict enumeration areas (EA) within urban centres with a population of 50,000 and over that are part of the census tract program. Also shown on the maps are census tract, census subdivision, federal electoral district, census metropolitan area and census agglomeration boundaries. Most series 1 maps were computer generated at a scale of 1:15,000 or 1:60,000, depending on the density of information. The remaining series 1 maps were photographically reduced for dissemination at various scales.

**Service No. 92F0001**

<b>Price:</b>	<b>(complete CMA/CA)</b>	
	less than 10 maps in CMA/CA	\$10.00 per map
	from 10 to 33 maps in CMA/CA	\$7.50 per map
	from 34 to 50 maps in CMA/CA	\$250.00 for entire centre
	over 50 maps in CMA/CA	\$5.00 per map

The maps in this series are also available **separately** as:

**Service No.: 92C0001**

**Price:** \$10.00/map

More than 10 series 1 EA maps purchased together: \$7.50/map.

***Enumeration Area Maps (cont'd.)***

**Series 2: Small Urban Centres**

This series depicts enumeration areas within census subdivisions and unincorporated places. Federal electoral districts are also shown on the maps. The size and scale of the maps vary, depending on the area covered.

**Service No.:** 92F0059

**Price:** \$10.00/map

*Enumeration Area Maps (cont'd.)*

**Series 3: Rural Areas**

This series depicts enumeration areas in rural areas. Also shown are census subdivision, census division, federal electoral district, census metropolitan area and census agglomeration boundaries. The series 3 maps are at a scale of 1:50,000 or 1:250,000 for the 10 provinces and at a scale of 1:1,000,000 for Yukon and 1:4,000,000 for N.W.T.

**Service No.:** 92F0060

**Price:** \$10.00/map

## CENSUS DIVISIONS AND CENSUS SUBDIVISIONS MAPS

These provincial maps show the boundaries for census divisions (areas such as counties and regional districts) and census subdivisions (such as cities, municipalities, towns, villages, settlements, other local municipal entities and townships). Also shown are the boundaries for census metropolitan areas and census agglomerations. Each province is covered by one to four maps, with scales ranging from 1:375,000 to 1:6,000,000. The base map, produced by Natural Resources Canada, includes water bodies, major roads and railroads. The set of Census Divisions and Census Subdivisions maps also contains a Census Divisions Canada map (for a description of this map, see *Census Divisions, 1991 - Canada map*).

**Catalogue No.: 92-319 ISBN: 0-660-57112-9**

**Price:** (per set)

Canada: \$75.00

US: US \$90.00

Other Countries: US \$105.00

The maps in this series are also available **separately** as:

**Service No.: 92F0061**

**Price:** \$5.00/map

**Note:** The following maps are out of stock:

6 Quebec, East Part

8 Quebec, South Central Part

9 Ontario

10 Ontario, South Part.

However, colour photocopies of these maps may be purchased at \$50.00/map.

## CENSUS DIVISIONS, 1991 (CANADA MAP)

This three-colour national map at a 1:10,000,000 scale (approx. 87 cm x 58.5 cm, folded to 21.5 cm x 28 cm), shows the boundaries for census divisions across Canada. The base map, produced by Natural Resources Canada, includes water bodies. The map is also available in the *Census Divisions and Census Subdivisions maps set* (Cat. No. 92-319).

**Service No.: 92F0061**

**Price:** \$5.00/map

## SUBPROVINCIAL REGIONS AND CENSUS DIVISIONS, 1991 (CANADA MAP)

This three-colour national map at a 1:10,000,000 scale (approx. 87 cm x 58.5 cm, folded to 21.5 cm x 28 cm), shows both the boundaries for the subprovincial regions and census divisions. The base map, produced by Natural Resources Canada, includes water bodies. This map is also available in *SGC, 1991, Volume II Reference maps* (Cat. No. 12-572).

**Service No.: 92F0061**

**Price:** \$5.00

## CENSUS METROPOLITAN AREAS AND CENSUS AGGLOMERATIONS, 1991 (CANADA MAP)

This three-colour map depicts the general location of Census Metropolitan Areas and Census Agglomerations across Canada. The base map, produced by Natural Resources Canada, includes water bodies. The map scale is 1:10,000,000 (approx. 87 cm x 58.5 cm, folded to 21.5 cm x 28 cm). This map is also available in *Census Metropolitan Areas, Census Agglomeration Areas and Census Tracts maps* (Cat. No. 92-320).

**Service No.:** 92F0062

**Price:** \$5.00

## CENSUS METROPOLITAN AREAS, CENSUS AGGLOMERATIONS AND CENSUS TRACTS MAPS

These maps show the boundaries of census subdivisions, census metropolitan area/census agglomeration parts (urbanized core, urban fringe, rural fringe) and, where applicable, census tracts, primary census metropolitan areas and primary census agglomerations. Also shown are rivers, lakes, railroad tracks, provincial boundaries and other significant features. The map scales range from 1:25,000 to 1:2,000,000. The set also includes a Census Metropolitan Areas and Census Agglomerations 1991, Canada map (for a description of this map, see *Census Metropolitan Areas and Census Agglomerations, 1991 - Canada map*).

The publications in the *Census Tract Profile* series contain corresponding maps for each tracted census metropolitan area and census agglomeration.

**Catalogue No.:** 92-320 **ISBN:** 0-660-57113-7

**Price:** (per set)

Canada: \$75.00

US: US \$90.00

Other Countries: US \$105.00

**Note:** The map sets are now out of stock.

The maps in this series are also available separately as:

**Service No.:** 92F0062

**Price:** \$5.00/map

**Note:** The following map is out of stock: Toronto, map 2 of 3

However, colour photocopies of these maps may be purchased at \$50.00/map.

## FEDERAL ELECTORAL DISTRICTS (CANADA MAP)

This colour map (78.8 cm by 27.8 cm) shows the federal electoral districts of Canada according to the 1987 Representation Order. It also depicts major rivers, lakes and time zones. This map is included in the publication *Population and Dwelling Counts - Federal Electoral Districts* (Cat. No. 93-302) and in the *Profiles of Federal Electoral Districts - Part A* (Cat. No. 93-335) and *Part B* (Cat. No. 93-336). It was produced by Natural Resources Canada for the Office of the Chief Electoral Officer, Elections Canada.

**Service No.:** 92F0063

**Price:** \$5.00

## 1991 Enumeration Area Reference Lists

The information available in this series of publications assists the user in relating enumeration areas to other geographic levels. The enumeration area is the smallest standard geographic unit. Using these reference lists a user is able to situate a particular enumeration area by census tract, census subdivision and federal electoral district. This information is presented by region and by type of geographical unit.

### CENSUS TRACTS

**Catalogue No.: 92-312 ISBN: 0-660-57105-6**

**Price:** Canada: \$35.00

US: US \$42.00

Other Countries: US \$49.00

**Table Titles:**

1. Enumeration Area Reference Lists for Census Tracts, 1991
2. Index 1. Census Subdivisions in Alphabetical Order, 1991
3. Index 2. Primary Census Metropolitan Areas and Primary Census Agglomerations in Alphabetical Order, 1991.

### CENSUS METROPOLITAN AREAS AND CENSUS AGGLOMERATIONS

**Catalogue No.: 92-313 ISBN: 0-660-57106-4**

**Price:** Canada: \$30.00

US: US \$36.00

Other Countries: US \$42.00

**Table Titles:**

1. Enumeration Area Reference Lists for Census Metropolitan Areas and Census Agglomerations, Showing Census Metropolitan Area and Census Agglomeration Components, 1991
2. Enumeration Area Reference Lists for Census Metropolitan Areas, Census Agglomerations and Provincial Census Tracts, 1991
3. Index 1. Census Subdivisions in Alphabetical Order, 1991
4. Index 2. Primary Census Metropolitan Areas and Primary Census Agglomerations in Alphabetical Order, 1991

## CENSUS DIVISIONS AND CENSUS SUBDIVISIONS

Atlantic Provinces	Catalogue No.: 92-314	ISBN: 0-660-57107-2
	Price:	Canada: \$25.00
		US: US \$30.00
		Other Countries: US \$35.00
Quebec	Catalogue No.: 92-315	ISBN: 0-660-57108-0
	Price:	Canada: \$25.00
		US: US \$30.00
		Other Countries: US \$35.00
Ontario	Catalogue No.: 92-316	ISBN: 0-660-57109-9
	Price:	Canada: \$25.00
		US: US \$30.00
		Other Countries: US \$35.00
Western Provinces & the Territories	Catalogue No.: 92-317	ISBN: 0-660-57110-2
	Price:	Canada: \$30.00
		US: US \$36.00
		Other Countries: US \$42.00

**Table Titles:**

1. Enumeration Area Reference Lists for Census Divisions and Census Subdivisions, Showing Urban and Rural Designation, 1991
2. Index 1. Census Subdivisions in Alphabetical Order, 1991
3. Index 2. Urban Areas in Alphabetical Order, 1991
4. Index 3. Census Divisions in Standard Geographical Classification Code Order, 1991
5. Index 4. Census Consolidated Subdivisions in Alphabetical Order, 1991

## **EQUIVALENT ENUMERATION AREAS, 1991 AND 1986**

This publication provides comparisons between 1991 and 1986 enumeration areas, so the user can equate the new areas to the previous ones. Indexes for equivalent groups of enumeration areas are provided for 1991 and 1986.

**Catalogue No.: 92-318 ISBN: 0-660-57111-0**

**Price:** Canada: \$55.00  
US: US \$66.00  
Other Countries: US \$77.00

**Table Titles:**

1. Equivalent 1991 and 1986 Enumeration Areas, Sorted by 1991 Enumeration Area Code
2. Equivalent 1991 and 1986 Enumeration Areas, Sorted by 1986 Enumeration Area Code
3. Equivalent Groups of 1991 and 1986 Enumeration Areas, Sorted by 1991 Enumeration Area Code
4. Index to Equivalent Groups for 1991 Enumeration Areas, 1991 Census
5. Index to Equivalent Groups for 1986 Enumeration Areas, 1991 Census

## Other Geographic Reference Products

These other geographic reference products (in electronic or hardcopy format) describe geographic areas and terms. They also give information on historical comparability.

### 1991 COMPLETE ON-LINE GUIDE TO GEOGRAPHY (COGG)

This electronic product is an interactive hypertext document with the TOOLBOOK® authoring environment and runs as a WINDOWS® application. It provides a quick and easy access to a number of spatial concepts to census geography. It consists of three parts:

*Electronic Guide to Geography* - Statistics Canada's census geography basics, products and services, case studies and learning activities;

*Illustrated Glossary* - explanatory definitions and illustrations, national and metropolitan hierarchies;

*Reference Dictionary* - definitions, rules, user issues, applicable censuses and footnotes.

This guide is particularly useful for users and educators and quickly illustrates specialized geography concepts and products.

Service No.: 92F0077

Format: 3.5" IBM® compatible diskettes

Price: Canada: \$45.00

## 1991 GEOREF (GEOGRAPHIC INFORMATION REFERENCE SYSTEM)

This is a user-friendly software and data product designed to provide the user with a wide selection of geographic information. The system is based on the enumeration area, from which all the higher levels of geography can be determined. For each type of geographical unit, the name and code of standard geographic areas, population counts, dwelling counts and selected land area are available. GEOREF will run on IBM®-compatible personal computers using DOS®.

**National coverage**      Catalogue No.: 92-345D      ISBN: 0-660-57281-8

**Price:**      Canada: \$500.00

US: US \$525.00

Other Countries: US \$550.00

### **Regional coverage**

**Atlantic Provinces**      Catalogue No.: 92-321D      ISBN: 0-660-57282-6

**Quebec**      Catalogue No.: 92-322D      ISBN: 0-660-57283-4

**Ontario**      Catalogue No.: 92-323D      ISBN: 0-660-57284-2

**Western Provinces and the Territories**      Catalogue No.: 92-324D      ISBN: 0-660-57285-0

**Price:**

Diskette for any one region:      Canada: \$250.00

US: US \$275.00

Other Countries: US \$300.00

Diskettes for any two regions:      Canada: \$350.00

US: US \$375.00

Other Countries: US \$400.00

Diskettes for any three regions:      Canada: \$450.00

US: US \$475.00

Other Countries: US \$500.00

## 1991 GEOGRAPHY GUIDE BOOK

In easy to understand language, the *Geography Guide Book* situates and explains the applications of most of Statistics Canada's geographic areas and their geographic hierarchies. Five brief case studies show the reader what steps to follow in actual research situations. At the end of the Guide Book, all geographic terms are defined. A section describing related geographic products and services, as well as how to order them, rounds out the Guide Book.

**Catalogue No.:** 92-310E      **ISBN:** 0-660-14256-2

92-310F      0-660-93506-6

**Price:**      Canada: \$10.00

US: US \$12.00

Other Countries: US \$14.00

## GEOCODING COVERAGE FOR THE 1991 CENSUS

This publication is intended to help users identify census subdivisions for which census data at the block-face level is available for user-defined small area aggregations. A block-face is one side of a street between two consecutive intersections. Maps and definitions are included, as well as a table indicating the availability of census data at the block-face level for the census subdivisions of 44 census metropolitan areas and census agglomerations.

**Service No.:** 92F0058

**Price:**      \$25.00

### Table Titles:

1. Population Distribution and Block-face Geocoding for Provinces and Territories, 1991 Census - 100% Data
2. Availability of Census Data at the Block-face and Enumeration Area Level, by Census Subdivision, 1991 Census - 100% Data

## 1991 CENSUS GEOGRAPHY: A HISTORICAL COMPARISON

This publication will assist the user in understanding the various changes that have occurred to census geographic areas. It defines the geographic concepts covered in the 1991 Census and compares them with the concepts from 1986. This information is provided for standard census areas such as census subdivisions, census tracts and federal electoral districts, and for non-standard geographies such as block-faces and postal codes.

**Catalogue No.:** 92-311E    **ISBN:** 0-660-14257-0  
                          92-311F    0-660-93507-4  
**Price:**              Canada: \$20.00  
                          US: US \$24.00  
                          Other Countries: US \$28.00

### Table Titles:

- 1. Number of Subprovincial Regions by Province/Territory, 1986 and 1991 Censuses
- 2. Number of Federal Electoral Districts by Province/Territory, 1986 and 1991 Censuses
- 3. Census Division Changes by Province/Territory, 1986 and 1991 Censuses
- 4. Census Subdivision Changes by Province/Territory, 1986 and 1991 Censuses
- 5. Enumeration Area Changes by Province/Territory, 1986 and 1991 Censuses
- 6. Census Metropolitan Areas by Province, 1991 Census
- 7. Census Agglomerations by Province/Territory, 1991 Census
- 8. Census Agglomeration Counts by Province/Territory, 1986 and 1991 Censuses
- 9. Consolidated Census Metropolitan Areas and Consolidated Census Agglomerations With Their Constituent PCMAs and PCAs, 1991 Census
- 10. Tracted Centres by Province, 1991 Census
- 11. Census Tracts by Province, 1986 and 1991 Censuses
- 12. Census Tract Changes, 1986 and 1991 Censuses, by Province
- 13. Provincial Census Tract Changes by Province/Territory, 1986 and 1991 Censuses
- 14. Census Consolidated Subdivision Changes by Province/Territory, 1986 and 1991 Censuses
- 15. Urban Area Changes by Province/Territory, 1986 and 1991 Censuses
- 16. Active Postal Codes by Province and Territory, 1986 and 1991

## INTERIM LIST OF CHANGES TO MUNICIPAL BOUNDARIES, STATUS, AND NAMES

This report provides a summary of the changes to municipal boundaries, status and names between a given time period, (eg. January 2, 1991 to January 1, 1994).

The municipal changes, which have been processed by the Geography Division of Statistics Canada, are based on information received through provincial/territorial gazettes, letters patent, and orders-in-council and, therefore, may or may not include all the changes which have occurred within the given time period. The interim list is released early January of each year.

The interim list is available in hard copy or as an Excel file on diskette.

**Service No.:** 92F0009XPB

**Release:** Available (January 2, 1991 to January 1, 1994)  
and (January 2, 1994 to January 1, 1995).

Subsequent releases will be annual.

**Price:** \$25.00

### Table Titles:

1. Changes to Census Subdivisions in Alphabetical Order, by Province  
This table presents all types of changes received to date, with adjusted 1991 population and land area.
2. Changes to the Census Subdivisions Codes, Names and Types, in Numerical Order, by Province.  
This table presents only changes that impact on the Standard Geographical Classification (SGC) and therefore excludes annexations and boundary revisions. The changes are listed in SGC code order.

## PRELIMINARY 1996 CENSUS METROPOLITAN AREAS

This report provides maps and information about the preliminary boundaries of the 1996 census metropolitan areas (CMA). These preliminary boundaries are subject to change before the 1996 Census. Since these boundaries are not final, they should not be incorporated into programmes designed for the 1996 Census data retrieval or any other programme based on the final 1996 boundaries. The CMA limits for the 1996 Census will be finalized based on the municipal limits as of January 1, 1996.

**Service No.:** 92C0014

**Price:** \$30.00

## **PRELIMINARY 1996 CENSUS AGGLOMERATIONS HAVING 1991 URBAN CORE POPULATIONS OF AT LEAST 50,000**

This report provides maps and information about the preliminary boundaries of the 1996 census agglomerations (CA) with urban cores of at least 50,000. These preliminary boundaries are subject to change before the 1996 Census. Since these boundaries are not final, they should not be incorporated into programmes designed for the 1996 Census data retrieval or any other programme based on the final 1996 boundaries. The CA limits for the 1996 Census will be finalized based on the municipal limits as of January 1, 1996.

**Service No.:** 92C0014

**Price:** \$30.00

## **PRELIMINARY 1996 CENSUS AGGLOMERATIONS HAVING 1991 URBAN CORE POPULATIONS OF AT LEAST 10,000 AND UP TO 50,000**

This report provides maps and information about the preliminary boundaries of the 1996 census agglomerations (CA) with urban cores of at least 10,000 and up to 50,000. These preliminary boundaries are subject to change before the 1996 Census. Since these boundaries are not final, they should not be incorporated into programmes designed for the 1996 Census data retrieval or any other programme based on the final 1996 boundaries. The CA limits for the 1996 Census will be finalized based on the municipal limits as of January 1, 1996.

**Service No.:** 92C0014

**Price:** \$30.00

## 1991 STREET INDEX

(SI)

This is an alphabetical listing of street and address ranges from the Street Network Files, linked to specific standard geographic areas.

Three products, each showing a different linkage, are available:

- (1) street and address linkage to enumeration areas;
- (2) street and address linkage to census divisions and census subdivisions; and
- (3) street and address linkage to census tracts.

These listings show street name, type, direction, odd and even address ranges, abbreviated municipality name, and the code for the geographic area requested. The Street Index listings are available as print-on-demand products for areas within census metropolitan areas (CMAs) and census agglomerations (CAs) that have a corresponding Street Network File.

**Service No.:** 92F0065

**Format:** Print only

**Price:** See table below

Note in the table below that those CMA/CAs marked with an \* are only partly covered by the Street Indexes. (See Appendix 3 for a list of the census subdivisions covered.)

Add \$50 per order, once only

	STREET INDEX BY EA	STREET INDEX BY CD,CSD	STREET INDEX BY CT
<b>Census Metropolitan Areas (CMAs)</b>		<b>CANADA\$</b>	
Calgary*	55	46	49
Chicoutimi-Jonquière*	15	13	14
Edmonton*	39	23	31
Halifax*	17	15	15
Hamilton	45	39	42
Kitchener	28	24	25
London	28	24	25
Montréal*	192	156	166
Oshawa	20	18	18
Ottawa - Hull	77	67	70
Québec*	47	41	42
Regina*	16	12	13
Saint John*	10	9	10
Saskatoon*	15	12	13
Sherbrooke*	6	5	6
St. Catharines - Niagara	44	39	40

**1991 Street Index (cont'd.)****Add \$50 per order, once only**

	STREET INDEX BY EA	STREET INDEX BY CD, CSD	STREET INDEX BY CT
<b>CMAs (cont'd.)</b>	<b>CANADA\$</b>		
St. John's*	9	8	8
Sudbury*	9	8	8
Thunder Bay*	10	9	9
Toronto*	191	160	167
Trois-Rivières*	11	9	9
Vancouver	115	84	94
Victoria	33	29	30
Windsor*	14	10	11
Winnipeg	49	40	42
<b>SUBTOTAL - CMAs</b>	<b>1,091</b>	<b>899</b>	<b>956</b>
<b>Census Agglomerations Areas (Cas)</b>			
Belleville*	4	-	-
Brantford	9	8	8
Fredericton*	6	5	-
Guelph	8	7	7
Kamloops*	9	-	8
Kelowna	13	12	12
Kingston*	8	6	7
Lethbridge	6	5	6
Matsqui*	7	6	6
Moncton	13	12	12
North Bay	7	6	6
Peterborough*	6	6	6
Prince George	10	9	9
Red Deer	6	5	6
Saint-Jérôme*	3	2	-
Sarnia-Clearwater	9	8	8
Sault Ste. Marie	8	7	7
Stratford	3	3	-
Woodstock	3	-	-
<b>SUBTOTAL-CAs</b>	<b>135</b>	<b>105</b>	<b>107</b>
<b>GRAND TOTAL</b>	<b>1,226</b>	<b>1,004</b>	<b>1,063</b>

## 1991 CENSUS DICTIONARY

The *1991 Census Dictionary* provides detailed information on all of the concepts, variables and geographic elements of the 1991 Census. The information provided for each variable includes a definition, a historical summary, the related population, the associated census question number(s), applicable response categories or classifications and special remarks. The *1991 Census Dictionary* is indexed with a comprehensive subject index. This publication is an essential census reference tool which helps census data users to more easily understand and correctly interpret census data. The *Census Dictionary* includes a detailed section on geographic concepts and definitions.

The *1991 Census Electronic Dictionary* is based on the print version. All concepts and definitions are searchable by keywords. Also, the software allows printing and saving of specified definitions to file. This electronic product is intended to support other 1991 Census electronic products. The electronic formats are IBM® personal computer compatible diskettes that operate from DOS®.

<b>Catalogue No.:</b>	<b>92-301E</b>	<b>ISBN:</b>	<b>0-660-14250-3</b>
	<b>92-301F</b>		<b>0-660-93500-7</b>
	<b>92-301D E (electronic)</b>	<b>0-660-14308-9</b>	
	<b>92-301D F (electronic)</b>	<b>0-660-93608-9</b>	

<b>Price:</b>	Canada: \$40.00
	US: US \$48.00
	Other Countries: US \$56.00

## 1991 CENSUS CATALOGUE (SECOND EDITION)

The *1991 Census Catalogue* is the first stop when searching for census products and services. The catalogue provides full product descriptions including information on release date, price, medium, table titles and catalogue numbers. How to order the products is fully explained, and an order form is provided to make it simpler. Also included in the catalogue are descriptions of the various services available to census data users.

<b>Catalogue No.:</b>	<b>92-302E</b>	<b>ISBN:</b>	<b>0-660-14252-X</b>
	<b>92-302F</b>		<b>0-660-93502-3</b>

<b>Price:</b>	Canada: \$15.00
	US: US \$18.00
	Other Countries: US \$21.00

## STANDARD GEOGRAPHICAL CLASSIFICATION: SGC, 1991

The Standard Geographical Classification (SGC) is a system of names and codes representing areas of Canada. It consists of a three-tiered hierarchy - province, county and municipality. The SGC is used to identify information for particular geographical areas and to tabulate statistics.

The 1991 SGC, which replaces the 1986 version as the official geographical classification of Statistics Canada, is organized into three volumes.

### Standard Geographical Classification: SGC, 1991, Volume I, The Classification

*Volume I, The Classification*, is designed as a reference and coding manual. *The Classification* volume contains tables of SGC units with their names and codes and an alphabetical index of place names. It also covers related areas based upon the SGC.

**Catalogue No.: 12-571 ISBN: 0-660-56557-9**

**Price:** Canada: \$75.00  
US: US \$90.00  
Other Countries: US \$105.00

### Standard Geographical Classification: SGC, 1991, Volume II, Reference Maps

*Volume II, Reference Maps*, shows the boundaries, names and codes of SGC areas. For information on ordering individual map sheets, see *Census Division and Census Subdivision maps* section.

**Catalogue No.: 12-572 ISBN: 0-660-56558-7**

**Price:** Canada: \$75.00  
US: US \$90.00  
Other Countries: US \$105.00

### Standard Geographical Classification: SGC, 1991, Volume III, Changes - 1986 to 1991

*Volume III, Changes - 1986 to 1991* (January 1, 1986 to January 1, 1991), contains lists of changes which have affected boundaries, names and codes of municipalities.

**Catalogue No.: 12-573 ISBN: 0-660-56559-5**

**Price:** Canada: \$66.00  
US: US \$79.00  
Other Countries: US \$92.00

## **2. Geography Data Products**

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### **1991 Population and Dwelling Counts Series**

The publications in this series present the final, unrounded counts for all of Canada. The first five publications provide the counts for population and dwellings by type of geographic area as well as the percentage change in population from 1986 to 1991. The land area (in square kilometres) is included in the CMA/CA and CD/CSD population and dwelling counts publications. The two remaining publications serve as reference tools for locating particular places and identifying their relationship to other geographic units. Data are also available on demand from the Electronic Shelf for enumeration areas, census tracts and other geographic areas.

### **POPULATION AND DWELLING COUNTS - A NATIONAL OVERVIEW**

This publication presents the 1991 population counts for Canada, provinces and territories, as well as most of the smaller levels of geography. The tables provide an overall picture of national counts with many census-to-census comparisons.

**Catalogue No.: 93-301 ISBN: 0-660-57277-X**

**Price:** Canada: \$20.00  
US: US \$24.00  
Other Countries: US \$28.00

**Table Titles:**

1. Population and Dwelling Counts, for Canada, Provinces and Territories, 1986 and 1991 - 100% Data
2. Population Distribution, for Canada, Provinces and Territories, 1951 and 1991 - 100% Data
3. Population and Dwelling Counts, for Federal Electoral Districts, 1986 and 1991 - 100% Data
4. Population and Dwelling Counts, for Census Divisions, 1986 and 1991 - 100% Data
5. Population and Dwelling Counts, for Census Metropolitan Areas in Decreasing Order of 1991 Population, 1986 and 1991 - 100% Data
6. Population and Dwelling Counts, for Census Agglomerations 1986 and 1991 - 100% Data
7. Population Distribution Inside and Outside the Census Metropolitan Areas and Census Agglomerations, for Canada, Provinces and Territories, 1991 - 100% Data
8. Urban and Rural Population, for Provinces and Territories, 1991 - 100% Data
9. Canada's Largest Census Subdivisions by Population, 1991 - 100% Data
10. Census Subdivisions With the Greatest Percentage Population Growth, 1986-1991 - 100% Data
11. Census Subdivisions With the Greatest Percentage Population Decline, 1986-1991 - 100% Data

## POPULATION AND DWELLING COUNTS - FEDERAL ELECTORAL DISTRICTS

The information presented in this publication covers all 295 federal electoral districts (FEDs) according to the 1987 Representation Order. Also included is a reference map of Canada (78.8 cm by 27.8 cm) showing the boundaries of FEDs.

**Catalogue No.: 93-302 ISBN: 0-660-57278-8**

**Price:** Canada: \$30.00  
US: US \$36.00  
Other Countries: US \$42.00

### Table Titles:

1. Population and Dwelling Counts, for Federal Electoral Districts, 1986 and 1991 - 100% Data
2. Population Counts, for Federal Electoral Districts and Census Subdivisions, 1991 - 100% Data

## POPULATION AND DWELLING COUNTS - CENSUS METROPOLITAN AREAS AND CENSUS AGGLOMERATIONS

The tables in this publication provide population counts for both census metropolitan areas (CMAs) and census agglomerations (CAs), for 1986 and 1991. National and provincial rankings are also included.

**Catalogue No.: 93-303 ISBN: 0-660-57279-6**

**Price:** Canada: \$30.00  
US: US \$36.00  
Other Countries: US \$42.00

### Table Titles:

1. Population and Dwelling Counts, for Census Metropolitan Areas in Alphabetical Order, 1986 and 1991 - 100% Data
2. Population and Dwelling Counts, for Census Agglomerations in Alphabetical Order, 1986 and 1991 - 100% Data
3. Census Metropolitan Areas and Census Agglomerations in Decreasing Population Order, 1991 - 100% Data
4. Population and Dwelling Counts, for Census Metropolitan Areas and Census Agglomerations With Primary Census Metropolitan Areas, Primary Census Agglomerations and Component Census Subdivisions, 1986 and 1991 - 100% Data
5. Population Counts, for Census Metropolitan Areas and Census Agglomerations, Urbanized Core and Fringe With Primary Census Metropolitan Areas, Primary Census Agglomerations and Urban Areas, 1991 - 100% Data

## POPULATION AND DWELLING COUNTS - CENSUS DIVISIONS AND CENSUS SUBDIVISIONS

This publication covers two very popular levels of geography: the census division (counties, regional districts and other similar geographic areas) and the census subdivision (cities, municipalities, towns, townships, villages, Indian reserves and other similarly recognized regions). The tables present census subdivisions by census division with corresponding counts, as well as national and provincial rankings. A geographic index is included.

**Catalogue No.: 93-304 ISBN: 0-660-57115-3**

**Price:**  
Canada: \$50.00  
US: US \$60.00  
Other Countries: US \$70.00

**Catalogue No.: 93-304D (digital version) ISBN: 0-660-57286-9**

**Price:**  
Canada: \$100.00  
US: US \$125.00  
Other Countries: US \$150.00

### Table Titles:

1. Population and Dwelling Counts, for Census Divisions, 1986 and 1991 - 100% Data
2. Population and Dwelling Counts, for Census Divisions and Census Subdivisions, 1986 and 1991 - 100% Data
3. Geographic Index - Census Subdivisions in Alphabetical Order, 1991\*

\*Not applicable to 93-304D.

## POPULATION AND DWELLING COUNTS - URBAN AREAS

This publication covers areas which are defined as being urban according to population density and size.

**Catalogue No.: 93-305 ISBN: 0-660-57116-1**

**Price:**  
Canada: \$35.00  
US: US \$42.00  
Other Countries: US \$49.00

### Table Titles:

1. Population and Dwelling Counts, for Urban Areas, 1986 and 1991 - 100% Data
2. Population Counts, for Urban Areas With Census Subdivisions, 1991 - 100% Data
3. Population Counts, for Urban Population Size Groups and Rural Areas by Census Division, 1991 - 100% Data
4. Urban and Rural Population by Census Division and Census Subdivision, 1991 - 100% Data

## POPULATION AND DWELLING COUNTS - UNINCORPORATED PLACES

An unincorporated place is a cluster of dwellings (i.e. settlement) lacking legal limits or local government in rural areas. This publication indicates in which province or territory, census division or census subdivision such places belong. The information presented here covers all of Canada; a similar but more detailed report is available by region in the *Place Name List* series or in electronic format in the *Place Name Master File*.

**Catalogue No.: 93-306**

**ISBN: 0-660-57117-X**

**Price:** Canada: \$45.00

US: US \$54.00

Other Countries: US \$63.00

**Table Title:**

1. Population Counts, for Unincorporated Places in Alphabetical Order, for Provinces and Territories, 1991 - 100% Data

## POPULATION AND DWELLING COUNTS - PLACE NAME LISTS

These publications will assist the user in researching geographic areas. Population counts are provided for each place. Shown are links to higher geographic levels such as census divisions and census consolidated subdivisions. Other geographical information includes latitude and longitude coordinates, map location (National Topographic System) and Standard Geographical Classification (SGC) codes for further reference. This information is available in electronic format in the *Place Name Master File*.

**Atlantic Provinces Catalogue No.: 93-307 ISBN: 0-660-57118-8**

**Price:** Canada: \$45.00

US: US \$54.00

Other Countries: US \$63.00

**Quebec and Ontario Catalogue No.: 93-308 ISBN: 0-660-57119-6**

**Price:** Canada: \$45.00

US: US \$54.00

Other Countries: US \$63.00

**Western Provinces Catalogue No.: 93-309 ISBN: 0-660-57120-X**

**Price:** Canada: \$45.00

US: US \$54.00

Other Countries: US \$63.00

**Table Titles:**

1. Population Counts and Geographic Location, for Census Subdivisions and Unincorporated Places, 1991 - 100% Data
2. Population Counts, for Census Subdivisions and Unincorporated Places by Census Division and Census Consolidated Subdivision, 1991 - 100% Data

## POPULATION AND DWELLING COUNTS - SUPPLEMENTARY TABLES

The Electronic Shelf is a new data service for the 1991 Census. Users are able to select individual tables in either print or electronic form, in a variety of commonly used commercial software data formats.

**Price:** Based on the extraction from the Electronic Shelf. Contact your nearest Statistics Canada Regional Reference Centre for more information.

**Table Titles:**

D9133 Population and Dwelling Counts, for Federal Electoral Districts and Enumeration Areas, 1991 - 100% Data

D9134 Population and Dwelling Counts, for Census Tracts by Census Metropolitan Area or Census Agglomeration, 1986 and 1991 - 100% Data

### 3. Digital Geographic Products

Digital geographic products are available for both spatial and attribute information. Spatial information gives the shape and location of geographic features while attribute files give descriptive information about the features.

The spatial files include: Digital Boundary Files (DBFs); Digital Cartographic Files (DCFs); Skeletal Street Network File (SSNF); and Street Network Files (SNFs).

The attribute files include: Block-face Data File (BDF); Geographic Attribute File (GAF); Place Name Master File (PNMF); 1986-1991 EA Correspondence File; Postal Code Conversion File (PCCF); and Postal Code/Federal Riding File (PCFRF).

#### 1991 Digital Boundary Files (DBF)

The Digital Boundary Files comprise a library of geographic boundaries in digital form for most levels of geography (from the enumeration area up to the province and territory). With the appropriate software, Digital Boundary Files provide the framework for computer analysis and mapping. These files can also be used to create new geographic areas by aggregating standard geographic areas, and for other data manipulations available with the user's software.

This is the first census that an enumeration area (EA) boundary file has been available as a standard geography product. All other Digital Boundary Files are created by aggregating the component enumeration area boundaries.

Since these digital boundaries reflect the actual boundaries required to enumerate all the households in Canada, boundaries running through water bodies (such as lakes and oceans) may appear as straight lines, rather than following the shoreline. Thus, the digital boundary files may not be suitable for mapping applications where realistic shoreline is important, or for analysis requiring the computation of real land area.

The Digital Boundary Files are packaged by type of geographic boundary (e.g. enumeration areas, census subdivisions, census consolidated subdivisions, census divisions, urban areas, federal electoral districts, provinces and territories) and coverage (e.g. Canada, province or territory, census metropolitan area or census agglomeration).

**Format:** ARC/INFO® Export, also available on-demand in MapInfo® for Windows;

**Coordinates:** Lambert, Lat./Long.

**Media:** tape (1600 or 6250 BPI), cartridge (38000 BPI), IBM®-compatible high density diskette 3.5"

**Price:** The prices and service numbers by type of geographic boundary appear in the tables below.

**Custom orders** for the Digital Boundary Files are available upon request.

**Service No.:** 92C0004 for Enumeration Areas;

92C0005 for Census Tracts;

92C0006 for Census Subdivisions,

Provinces and Territories,

Federal Electoral Districts,

Urban Areas,

Census Divisions;

92C0020 for Census Consolidated Subdivisions.

**Price:** \$350.00 plus \$1.00 per geographic unit.

**ENUMERATION AREAS,  
CENSUS SUBDIVISIONS, and  
CENSUS CONSOLIDATED SUBDIVISIONS  
DIGITAL BOUNDARY FILES**

These files are available as standard packages for Canada and the provinces and territories. These files are priced at \$1.00 per geographic unit plus \$100.00 service fee per boundary file type. If more than one province or territory is ordered within a given type, then the service fee is applied only once. In the case of the Enumeration Area Boundary Files, the standard package also contains all other higher-order boundaries that are available (e.g. census divisions) at no extra charge.

Geographic Coverage	Enumeration Areas (EA)	Census Subdivisions (CSD)	Census Consolidated Subdivision (CCS)
Service No.	92F0067	92F0073	92F0074
Prices in Canadian \$	Add \$100 to each order	Add \$100 to each order	Add \$100 to each order
<b>CANADA</b>	<b>45,995</b>	<b>6,006</b>	<b>2,630.00</b>
Newfoundland	1,155	404	87
Prince Edward Island	249	126	69
Nova Scotia	1,442	118	54
New Brunswick	1,266	287	150
Quebec	10,912	1,637	1,153
Ontario	15,119	951	526
Manitoba	2,030	293	127
Saskatchewan	2,799	953	302
Alberta	4,602	438	73
British Columbia	6,162	691	83
Yukon Territory	97	36	1
Northwest Territories	162	72	5

**PROVINCES AND TERRITORIES,  
FEDERAL ELECTORAL DISTRICTS,  
URBAN AREAS, and  
CENSUS DIVISIONS DIGITAL BOUNDARY FILES**

These files are each available as a standard package for Canada. Their prices are:

Service No.:		PRICE (CANADA \$)
92F0069	<u>Provinces and Territories Digital Boundary File (Canada)</u>	112
92F0070	<u>Federal Electoral Districts Digital Boundary File (Canada)</u>	395
92F0071	<u>Urban Areas Digital Boundary File (Canada)</u>	993
92F0072	<u>Census Divisions Digital Boundary File (Canada)</u>	390

**CENSUS TRACTS DIGITAL BOUNDARY FILES**

These files are available as standard packages for Canada, the provinces, and census metropolitan areas/census agglomerations (CMAs/CAs). These files are priced at \$1.00 per geographic unit plus \$100.00 service fee. If more than one province or CMA/CA file is ordered, then the service fee is applied only once. The prices are:

Service No.: 92F0068

<u>Census Tracts Digital Boundary Files</u>	PRICE (CANADA \$)
<u>Tracted Census Metropolitan Areas/ Census Agglomerations</u>	(add \$100 per order)
Total - CANADA (all tracted areas)	4,068
<b>NEWFOUNDLAND</b>	40
St. John's (CMA)	40
<b>NOVA SCOTIA</b>	75
Halifax (CMA)	75
<b>NEW BRUNSWICK</b>	67
Saint John (CMA)	44
Moncton (CA)	23

**1991 Digital Boundary Files (cont'd.)**

	PRICE (CANADA \$) (add \$100 per order)
<b><u>Census Tracts Digital Boundary Files</u></b>	
<i>Tracted Census Metropolitan Areas/ Census Agglomerations (cont'd.)</i>	
<b>QUEBEC</b>	<b>1,052</b>
Chicoutimi-Jonquière (CMA)	35
Montréal (CMA)	749
Ottawa - Hull (CMA) - Quebec part only	51
Québec (CMA)	152
Sherbrooke (CMA)	31
Trois-Rivières (CMA)	34
<b>ONTARIO</b>	<b>1,731</b>
Brantford (CA)	21
Guelph (CA)	21
Hamilton (CMA)	163
Kingston (CA)	35
Kitchener (CMA)	82
London (CMA)	88
North Bay (CA)	20
Oshawa (CMA)	49
Ottawa - Hull (CMA) - Ontario part only	160
Peterborough (CA)	23
Sarnia-Clearwater (CA)	24
Sault Ste. Marie (CA)	23
St. Catharines - Niagara (CMA)	83
Sudbury (CMA)	38
Thunder Bay (CMA)	30
Toronto (CMA)	812
Windsor (CMA)	59
<b>MANITOBA</b>	<b>156</b>
Winnipeg (CMA)	156
<b>SASKATCHEWAN</b>	<b>98</b>
Regina (CMA)	49
Saskatoon (CMA)	49

**1991 Digital Boundary Files (cont'd.)**

	PRICE (CANADA \$) (add \$100 per order)
<b><u>Census Tracts Digital Boundary Files</u></b>	
<i>Tracted Census Metropolitan Areas/ Census Agglomerations (cont'd.)</i>	
<b>ALBERTA</b>	<b>385</b>
Calgary (CMA)	153
Edmonton (CMA)	195
Lethbridge (CA)	21
Red Deer (CA)	16
<b>BRITISH COLUMBIA</b>	<b>464</b>
Kamloops (CA)	22
Kelowna (CA)	26
Matsqui (CA)	29
Prince George (CA)	23
Vancouver (CMA)	299
Victoria (CMA)	65

## 1991 Digital Cartographic Files

(DCF)

The Digital Cartographic Files are geographic boundary files for thematic mapping applications used by Geographic Information Systems and mapping software packages. Each Digital Cartographic File includes geostatistical area boundaries that have been modified to follow shorelines and coastlines. In addition a few major lakes are included in the files.

The Digital Cartographic Files are packaged by type of geographic boundary (e.g. census tracts) and coverage (e.g. Canada, province/territory, census metropolitan area or census agglomeration).

**Format:** MapInfo® for Windows, also available on-demand in ARC/INFO® Export;  
**Media:** tape (1600 or 6250 BPI), cartridge (38000 BPI), IBM®-compatible high density diskette (3.5"); **Projection:** Lambert

**Price:** The prices and service numbers by type of geographic boundary appear in the tables below.

**Custom orders for the Digital Cartographic Files are available upon request.**

**Service No.:** 92C0011 for Provinces and Territories,

Census Divisions,

Census Tracts;

92C0021 for Census Subdivisions,

**Price:** \$350.00 plus \$0.50 per geographic unit.

## PROVINCES/TERRITORIES and CENSUS DIVISIONS DIGITAL CARTOGRAPHIC FILES

These files are available each as a standard package for Canada. These files are priced at \$0.50 per geographic unit plus \$100.00 service fee. The prices are:

<b>Service No.:</b>	<b>PRICE (CANADA \$)</b>
92F0082 <u>Provinces and Territories Digital Cartographic File (Canada)</u>	106.00
92F0083 <u>Census Divisions Digital Cartographic File (Canada)</u>	245.00

## CENSUS TRACTS DIGITAL CARTOGRAPHIC FILES

These files are available as standard packages for the tracted census metropolitan areas/census agglomerations (CMAs/CA). These files are priced at \$0.50 per geographic unit plus \$100.00 service fee. If more than one province or CMA/CA file is ordered, then the service fee is applied only once. Purchasers of a Census Tract Digital Cartographic File will receive an additional file of major streets and some railway features used to define the census tract boundaries. This file, called the Skeletal Street Network File (SSNF), has been produced to provide some cartographic reference features for underlaying the Census Tract Digital Cartographic Files in thematic mapping applications.

The prices for the Census Tracts Digital Cartographic Files are:

Service No.: 92F0078	PRICE (CANADA \$) (add \$100 per order)
<u>Census Tracts Digital Cartographic Files</u>	
<b>Census Metropolitan Areas (CMAs)</b>	
Calgary	76.50
Chicoutimi-Jonquière	17.50
Edmonton	97.50
Halifax	37.50
Hamilton	81.50
Kitchener	41.00
London	44.00
Montréal	374.50
Oshawa	24.50
Ottawa - Hull	105.50
Québec	76.00
Regina	24.50
Saint John	22.00
Saskatoon	24.50
Sherbrooke	15.50
St. Catharines - Niagara	41.50
St. John's	20.00
Sudbury	19.00
Thunder Bay	15.00
Toronto	406.00
Trois-Rivières	17.00
Vancouver	149.50
Victoria	32.50
Windsor	29.50
Winnipeg	78.00
<b>SUBTOTAL-CMAs</b>	<b>1870.50</b>

*1991 Digital Cartographic Files (cont'd.)*

	PRICE (CANADA \$) (add \$100 per order)
<b><u>Census Tracts Digital Cartographic Files</u></b>	
<b>Tracted Census Agglomeration Areas (CAs)</b>	
Brantford	10.50
Guelph	10.50
Kamloops	11.00
Kelowna	13.00
Kingston	17.50
Lethbridge	10.50
Matsqui	14.50
Moncton	11.50
North Bay	10.00
Peterborough	11.50
Prince George	11.50
Red Deer	8.00
Sarnia	12.00
Sault Ste. Marie	11.50
<b>SUBTOTAL-Tracted CAs</b>	<b>163.50</b>
<b>GRAND TOTAL - TRACTED CMAs and CAs</b>	<b>2034.00</b>

## CENSUS SUBDIVISION DIGITAL CARTOGRAPHIC FILES

These files are available as standard packages for Canada and the provinces/territories. These files are priced at \$0.50 per geographic unit plus \$100.00 service fee. If more than one province is ordered, then the service fee is applied only once. The prices for the Census Subdivision Digital Cartographic Files are:

Service No.: 92F0079

	PRICE (CANADA \$) (add \$100 per order)
<u>Census Subdivision Digital Cartographic Files</u>	
<b>Province/Territory and Canada</b>	
<b>CANADA</b>	<b>3003.00</b>
Newfoundland	202.00
Prince Edward Island	63.00
Nova Scotia	59.00
New Brunswick	143.50
Quebec	818.50
Ontario	475.50
Manitoba	146.50
Saskatchewan	476.50
Alberta	219.00
British Columbia	345.50
Yukon	18.00
Northwest Territories	36.00

## Skeletal Street Network Files

(SSNF)

The Skeletal Street Network Files (SSNF) are "thinned-out" street network files containing major roads and railways only (with street names but no address ranges). The SSNF has been produced solely to provide some cartographic reference features when producing thematic maps with the CT Digital Cartographic File (DCF).

**Service No.:** 92F0080

**Format:** MapInfo® for Windows, also available on-demand in ARC/INFO® Export;  
Media: tape (1600 or 6250 BPI), cartridge (38000 BPI), IBM®-compatible high density diskette (3.5"); Projection: Lambert.

**Price:** The prices for the SSNF have been established based on the following:

a) for CMA/CAs with **less than 200 CTs** the price is: **\$100.00**

b) for CMAs with **200 CTs or more** the price is: **\$200.00**  
**(Montréal, Ottawa - Hull, Vancouver and Toronto).**

c) for **all CMAs/CAs** the price is: **\$2,900.00**

**Custom orders** for these files are available upon request.

**Service No.:** 92C0012

## Street Network Files (formerly Area Master Files)

(SNF)

These files provide the street network for most large urban centres in Canada. They include streets, railroad tracks and other pertinent features such as street names and address ranges. In combination with the user's appropriate software, the Street Network Files are useful for route planning, delivery services and mapping. When considering a particular application, the user should be aware of the various vintages of the Street Network Files at the census subdivision level.

**Format:** a) ARC/INFO® Export, also available on demand in MapInfo® for Windows;  
**Coordinates:** Lat./Long.  
b) AMF formats: ASCII (110 bytes), EBCDIC (95 bytes); **Coordinates:** UTM  
Note that this format will not be available in future releases.  
**Media:** tape (1600 or 6250 BPI), cartridge (38000 BPI), IBM®-compatible high density diskette (3.5").

**Service No.:** 92F0081

**Price:** The prices for Street Network Files are established at \$0.45 per block (polygon). A \$100.00 processing fee is added to each order.

**Custom orders** for these files are available upon request.

**Service No.:** 92C0022

**Price:** \$350.00 plus data costs.

Note in the table below that those CMA/CAs marked with an \* are only partly covered by Street Network Files. (See Appendix 3 for a detailed list of all census subdivisions covered.)

<b>CENSUS METROPOLITAN AREAS (CMAs)</b>		<b>CANADA \$</b> <b>(add \$100 per order)</b>
Calgary*		3,643
Chicoutimi-Jonquière*		974
Edmonton*		2,896
Halifax*		1,031
Hamilton		3,315
Kitchener		1,831
London		2,291
Montréal*		13,648
Oshawa		1,472
Ottawa - Hull		5,468
Québec*		3,587
Regina*		1,179
Saint John*		662
Saskatoon*		1,111
Sherbrooke*		459
St. Catharines - Niagara		4,611
St. John's*		424
Sudbury*		590
Thunder Bay*		834
Toronto*		11,944

*Street Network File (cont'd.)*

<u>CMA</u> s (cont'd)	CANADA \$ (add \$100 per order)
Trois-Rivières*	826
Vancouver	8,711
Victoria	1,694
Windsor*	1,193
Winnipeg	3,678
<b>SUBTOTAL - CMA</b> s	<b>78,096</b>
<b>CENSUS AGGLOMERATIONS (CAs)</b>	
Belleville*	236
Brantford	676
Fredericton*	399
Guelph	557
Kamloops*	447
Kelowna	617
Kingston*	497
Lethbridge	483
Matsqui*	321
Moncton	1,008
North Bay	537
Peterborough*	442
Prince George	611
Red Deer	355
Saint-Jérôme*	166
Sarnia-Clearwater	680
Sault Ste. Marie	581
Stratford	199
Woodstock	237
<b>SUBTOTAL - CAs</b>	<b>9,049</b>
<b>OTHER</b>	
Benito	10
Brock	195
Fergus	69
Scugog	171
Wellesley	72
West Lincoln	448
Wilmot	135
<b>SUBTOTAL - OTHER</b>	<b>1,100</b>
<b>GRAND TOTAL - ALL STREET NETWORK FILES</b>	<b>88,245</b>

## Postal Code Conversion File (PCCF)

The Postal Code Conversion File (PCCF) links the six-character postal code with the standard 1991 Census geographic areas (such as enumeration areas, municipalities, census tracts, etc.). It also provides the x,y coordinates for a point representing the approximate location of the postal code to support mapping applications.

Since 1994, the PCCF has been updated on a semi-annual basis. Updates released in July provide new postal codes as of January of the release year. Updates released in January provide new postal codes as of July of the previous year.

**Service No.:** 92F0002

**Format:** ASCII; **Media:** tape (1600 or 6250 BPI), cartridge (38000 BPI), IBM®-compatible high density diskette (3.5") (ASCII)

**Price:** The Postal Code Conversion File is available as a standard package for Canada and the Provinces/Territories. See table below.

COVERAGE AREA	INITIAL COST ADD \$100.00 PER ORDER	UPDATES FLAT RATE (after the purchase of the PCCF at the initial cost)	UPDATES SUBSCRIPTION RATE*
<b>CANADA</b>	<b>18,900.00</b>	<b>1,500.00</b>	<b>1,125.00</b>
Newfoundland	210.00	100.00	75.00
Prince Edward Island	80.00	100.00	75.00
Nova Scotia	530.00	100.00	75.00
New Brunswick	400.00	125.00	93.75
Quebec	4,800.00	400.00	300.00
Ontario	6,900.00	500.00	375.00
Manitoba	670.00	125.00	93.75
Saskatchewan	670.00	125.00	93.75
Alberta	4,800.00	150.00	112.50
British Columbia	2,900.00	250.00	187.50
Yukon Territory	20.00	100.00	75.00
Northwest Territories	20.00	100.00	75.00

\* A 25% discount off the flat rate will be offered to PCCF update subscribers. The subscription will require that they pay in advance for at least one updated file per year until the new PCCF for the 1996 Census is released.

**Custom orders for the Postal Code Conversion File are available upon request.**

**Service No.:** 92C002

**Price:** \$350.00 plus the data costs.

## Postal Code/Federal Riding File

(PCFRF)

The Postal Code/Federal Riding File (PCFRF) is a digital file which provides a link between the six character postal code and Canada's federal electoral districts. A federal electoral district (FED) is any place or territorial area entitled to return a member of Parliament (MP) to serve in the House of Commons and is commonly referred to as a federal *riding*. It is also possible to get one of five individual datasets - Atlantic Provinces, Quebec, Ontario, Prairies/N.W.T., and British Columbia/Yukon. Updates are released in January and July.

**Service No.:** 92F0007

**Format:** ASCII

**Media:** tape (1600 or 6250 BPI), cartridge (88000 BPI), IBM-compatible high density diskette (3.5")

**Price:**

92F0007XDB	Canada - Diskette and User's Guide	\$2900.00
92F0007XDR	One dataset - Diskette and User's Guide	\$1000.00
92F0007UDB	Canada - Each Update	\$500.00
92F0007UDB	Individual dataset - Each Update	\$200.00

## Postal Profiles for the Toronto Postal Region

The Postal Profile is a diskette product that contains the 1991 Census profile and the 1991 "Taxfamily" data for urban Forward Sortation Areas (FSA) contained within the census metropolitan area of Toronto. The data is packaged with the C91 retrieval software and the digital boundary and skeletal street network files.

**Service No.:** 95F0169XDE

**Price:** \$1,749.00

## 1991 Block-face Data File

(BFDF)

The information in this file uses the smallest geographical unit available from Statistics Canada, namely the block-face in urban centres covered by Street Network Files. A block-face is one side of a city street between two consecutive intersections. This file contains 1991 Census population and dwelling counts for block-faces. It also links the block-face to all higher levels of geography (enumeration areas and above) through geographical codes. The block-face representative point (centroid) coordinates and, street names with address ranges are also provided.

**Service No.:** 92F0066

**Format:** ASCII; **Media:** tape (1600 or 6250 BPI), cartridge (38000 BPI),  
IBM®compatible high density diskette (3.5")

**Price:** The Block-face Data File is available for areas within census metropolitan areas (CMAs) and census agglomerations (CAs) that have a corresponding Street Network File.

**Custom orders** for these files are available upon request.

**Service No.:** 92C0003

**Price:** \$350.00 plus \$0.01 per record.

Note in the table below that those CMA/CAs marked with an \* are only partly covered by Block-face Data Files. (See Appendix 3 for a list of the census subdivisions covered.)

	PRICE CANADA \$ (add \$100 per order)
<b>CENSUS METROPOLITAN AREAS (CMAs)</b>	
Calgary*	175
Chicoutimi-Jonquière*	43
Edmonton*	164
Halifax*	47
Hamilton	141
Kitchener	82
London	94
Montréal*	583
Oshawa	64
Ottawa - Hull	236
Québec*	142
Regina*	56
Saint John*	28
Saskatoon*	51
Sherbrooke*	18
St. Catharines - Niagara	153
St. John's*	22
Sudbury*	26
Thunder Bay*	36
Toronto*	561

**1991 Block-face Data File (cont'd.)**

	CANADA \$ (add \$100 per order)
<b>CMAs (cont'd)</b>	
Trois Rivières*	33
Vancouver	421
Victoria	93
Windsor*	58
Winnipeg	166
<b>SUBTOTAL - CMAs</b>	<b>3,493</b>
<b><u>CENSUS AGGLOMERATIONS (CAs)</u></b>	
Belleville*	10
Brantford	29
Fredericton*	15
Guelph	24
Kamloops*	24
Kelowna	36
Kingston*	22
Lethbridge	23
Matsqui*	18
Moncton	39
North Bay	22
Peterborough*	20
Prince George	32
Red Deer	18
Saint-Jérôme*	8
Sarnia-Clearwater	28
Sault Ste. Marie	25
Stratford	9
Woodstock	9
<b>SUB TOTAL - CAs</b>	<b>411</b>
<b><u>GRAND TOTAL</u></b>	<b>3,904</b>

## 1991 Place Name Master File

(PNMF)

The Place Name Master File is a file containing the "master" list of place names with 1991 Standard Geographical Classification (SGC) codes and, where known, enumeration area (EA) codes. This list accumulates the place names published in the *Standard Geographical Classification volume* with additional names or alternative names/spellings of places encountered by the census representatives during 1991 Census collection. The population counts of all census subdivisions, as well as unincorporated places linked to enumeration areas are also included. ("Unincorporated Places" refers to a cluster of five or more permanently occupied dwellings in a rural area.)

**Service No.:** 92F0006

**Format:** ASCII: Media: tape (1600 or 6250 BPI), cartridge (38000 BPI),  
IBM®-compatible 3.5" high density diskette

**Price:** Canada \$500.00

Atlantic Provinces \$250.00

Quebec and Ontario \$250.00

Western Provinces \$250.00  
and the Territories

**Custom orders for these files are available upon request.**

**Service No.:** 92C0008

**Price:** \$350.00 plus \$0.02 per record.

## 1991 Geographic Attribute File

(GAF)

The Geographic Attribute File assigns to each 1991 Census enumeration area (the basic geographical unit of census data collection) all higher geographic levels by codes and names. It also locates each enumeration area representative point according to Universal Transverse Mercator (UTM) coordinates and Lambert coordinates, as well as by longitude and latitude. The 1991 population and private occupied dwelling counts for all enumeration areas are also presented. Most of the same information is available with software in GEOREF.

**Service No.:** 92F0075

**Format:** ASCII; Media: tape (1600 or 6250 BPI), cartridge (38000 BPI),  
IBM®-compatible high density diskette (3.5")

**Price:** Canada \$500.00

Atlantic Provinces \$250.00

Quebec and Ontario \$250.00

Western Provinces \$250.00

and The Territories

**Custom orders** for these files are available upon request.

**Service No.:** 92C0007

**Price:** \$350.00 plus \$0.01 per record

## 1986-1991 EA Correspondence File

The 1986-1991 EA Correspondence File is a digital file containing the relationship of the 1986 enumeration area structure to the 1991 enumeration area structure.

**Service No.:** 92F0076

**Format:** ASCII, EBCDIC; Media: tape (1600 or 6250 BPI), cartridge (38000 BPI),  
IBM®-compatible high density diskette (3.5")

**Price:** \$125.00

***Agriculture Products and Services (cont'd.)***

**Spatial Analysis and Geomatics Applications(SAGA) Program**

SAGA provides a variety of products and services using the tools and methodologies of digital image analysis and geographic information systems. The SAGA program has evolved from a remote sensing research and development emphasis to a much broader program that includes operational agricultural and environmental applications and custom mapping, image analysis and geomatics services.

SAGA offers remote sensing and geostatistical services on a fee-for-services basis. In addition to the custom mapping and image analysis capabilities, other applications could include:

- estimation of crop and vegetation area and crop yields by user defined statistical units such as risk areas, management districts
- drought, insect and disease detection and analysis from satellite imagery
- remote sensing/geographic information system integration and custom mapping
- analysis and mapping of land-use classification and change monitoring
- statistical sample frame construction for agriculture surveys
- remote sensing consulting and training

For further information on Agriculture Products and Services, please refer to the 1991 *Census of Agriculture Products and Services (Catalogue No. 92-303)* or contact Ken Korporal at (613) 951-3872 or by FAX at (613) 951-3868.

## 1991 Geographic Attribute File

(GAF)

The Geographic Attribute File assigns to each 1991 Census enumeration area (the basic geographical unit of census data collection) all higher geographic levels by codes and names. It also locates each enumeration area representative point according to Universal Transverse Mercator (UTM) coordinates and Lambert coordinates, as well as by longitude and latitude. The 1991 population and private occupied dwelling counts for all enumeration areas are also presented. Most of the same information is available with software in GEOREF.

**Service No.:** 92F0075

**Format:** ASCII; Media: tape (1600 or 6250 BPI), cartridge (38000 BPI),  
IBM®-compatible high density diskette (3.5")

**Price:** Canada \$500.00

Atlantic Provinces \$250.00

Quebec and Ontario \$250.00

Western Provinces \$250.00

and The Territories

**Custom orders** for these files are available upon request.

**Service No.:** 92C0007

**Price:** \$350.00 plus \$0.01 per record.

## 1986-1991 EA Correspondence File

The 1986-1991 EA Correspondence File is a digital file containing the relationship of the 1986 enumeration area structure to the 1991 enumeration area structure.

**Service No.:** 92F0076

**Format:** ASCII, EBCDIC; Media: tape (1600 or 6250 BPI), cartridge (38000 BPI),  
IBM®-compatible high density diskette (3.5")

**Price:** \$125.00

## 4. Geography Services

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### Geocoding Service

The geocoding service allows users to define their own geographic areas of study for census data tabulations. This custom geography is produced from an aggregation at the block-face level where available in large urban centres and at the enumeration area level in small urban centres and rural areas.

**Service No.:** 92C0013

**Price:** Geocoding is priced at a minimum base of: \$350.00 plus an average of \$40.00 per polygon.

The user may purchase the final boundary file for an additional \$400.00.

### Custom Services

If the standard geography products do not satisfy a user's need, Custom Services may be able to produce the product as a special request. Examples include special data retrievals or merges using any of the geography files (postal codes, attribute files, boundary files and street network files), special population compilations using basic census collection records and digitizing user-defined boundaries. Some custom mapping is available.

**Service No.:** 92C0014

**Price:** The minimum cost for this service is: \$350.00.

Estimates will be provided based on the complexity of the request.

### Custom Mapping

If the reference maps do not satisfy a user's need, custom maps may be produced as a special request.

**Service No.:** 92C0023

**Price:** The minimum cost is \$350.00.

Estimates will be provided based on the complexity of the request.

### 1991 Geography Workshop

The Geography Workshop is intended for users that are familiar with Statistics Canada's basic geographic definitions. The objective of the workshop is to provide further explanation of the concepts, products and applications. It will help users with their research and will enable them to make more informed decisions.

The content also includes designing your own boundaries such as sales districts or health care districts. Topics discussed include the Postal Code Conversion File, Street Network File, Digital Boundary Files, Digital Cartographic Files, Geocoding, Block-Face, Reference Maps and much more.

**Service No.:** 92H0022

**Price:** Contact the nearest Regional Reference Centre.

## **5. Other STC Related Geographic Products and Services**

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### **Agriculture Products and Services**

The Agriculture Division provides Digital Products and Special Services.

#### **Agricultural Ecumene of Canada, 1991**

This digital boundary file delineates areas of significant agricultural activity in Canada, as indicated by the 1991 Census of Agriculture. An agricultural ecumene is used for displaying agricultural data and limits data presentation to recognized areas of agricultural significance. The 1991 agricultural ecumene was delineated to represent data at the census division level of geography. Ecumene pockets exist in all census divisions for which data are published by the Census of Agriculture. Where data have been suppressed for confidentiality reasons, ecumene pockets in these census divisions have been eliminated. Data collected from these census farms are reported in the ecumene pocket of a neighbouring census division. A list of these geographic amalgamations can be obtained by contacting User Services, Census of Agriculture.

**Format:** ARC/INFO® Export; **Coordinates:** Lambert, Lat./Long.  
**Media:** tape 1600 or 6250 BPI, IBM®-compatible diskette, 3.5" or 5.25"

**Release:** June 1994

#### **Census Agricultural Region (CAR)**

A census agricultural region is a subprovincial geographic area used by the Census of Agriculture for disseminating agricultural statistics. In all provinces except Prince Edward Island and Saskatchewan, a census agricultural region is a contiguous grouping of census divisions. In Saskatchewan, census agricultural regions are groupings of census consolidated subdivisions, but these groupings do not necessarily respect census division boundaries. For Prince Edward Island, the Yukon and the Northwest Territories, census agricultural regions have not been defined. In the Prairie provinces, census agricultural regions are commonly referred to as crop districts.

**Format:** ARC/INFO® Export; **Coordinates:** Lambert, Lat./Long.  
**Media:** tape 1600 or 6250 BPI, IBM®-compatible diskette 3.5" or 5.25"

***Agriculture Products and Services (cont'd.)***

**Spatial Analysis and Geomatics Applications(SAGA) Program**

SAGA provides a variety of products and services using the tools and methodologies of digital image analysis and geographic information systems. The SAGA program has evolved from a remote sensing research and development emphasis to a much broader program that includes operational agricultural and environmental applications and custom mapping, image analysis and geomatics services.

SAGA offers remote sensing and geostatistical services on a fee-for-services basis. In addition to the custom mapping and image analysis capabilities, other applications could include:

- estimation of crop and vegetation area and crop yields by user defined statistical units such as risk areas, management districts
- drought, insect and disease detection and analysis from satellite imagery
- remote sensing/geographic information system integration and custom mapping
- analysis and mapping of land-use classification and change monitoring
- statistical sample frame construction for agriculture surveys
- remote sensing consulting and training

For further information on Agriculture Products and Services, please refer to the 1991 *Census of Agriculture Products and Services (Catalogue No. 92-303)* or contact Ken Korporal at (613) 951-3872 or by FAX at (613) 951-3868.

## Environment Services

### The Environmental Information System

The Environmental Information System provides detailed information on social and economic characteristics that influence environmental conditions that can be of use in businesses or research.

The National Accounts and Environment Division at Statistics Canada has been building the Environmental Information System (EIS) for more than seven years. The problem solving power of this system comes from its ability to overlay and aggregate a wide variety of Statistics Canada micro-data series into new tabulations, charts or maps. Information from the system can also be combined with external data sets or geographic boundaries provided by the client to suit specific needs. We offer a full line of services, ranging from table preparation to a complete statistical consulting service including analysis and report preparation on specific environmental issues.

The core data in the EIS resides in the ARC/INFO Geographic Information System. Analytical results can be provided for various formats:

- Spreadsheets
- ASCII files
- Micro computer databases
- Tables on paper
- ARCVIEW® products
- ARC/INFO® export files
- Maps on paper, image or postscript files.

For more information on Environment Services please contact:

National Accounts and Environment Division  
Statistics Canada  
21st floor, R.H. Coats Building  
Tunney's Pasture, Ottawa  
K1A 0T6

Telephone: (613) 951-2812  
Fax: (613) 951-3618

## 6. Glossary

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The geographic terms are presented here in summary form only. Please refer to the 1991 *Census Dictionary* (Catalogue 92-301E) for the full definitions.

**Block-face** One side of a city street, normally between two consecutive intersections with streets or other features such as rivers and railways. A block-face is generally used for census data aggregation in large urban centres within Street Network File coverage.

**Census Agglomeration (CA).** A large urban area, together with adjacent urban and rural areas that have a high degree of economic and social integration with that urban area. A CA is comprised of one or more contiguous census subdivisions (CSD). CAs are defined by Statistics Canada, sometimes in cooperation with provincial focal points.

A CA is delineated around an urban area (called the urbanized core and having a population of at least 10,000, based on the previous census). Census subdivisions are included in the CA on the basis of decennial place-of-work commuting data. If a CA's urbanized core population falls below 10,000, it is deleted from the CA program. However, if a CA attains an urbanized core population of at least 100,000, based on the previous census, it becomes a census metropolitan area (CMA).

**Census Consolidated Subdivision (CCS).** A grouping of contiguous census subdivisions (CSD). In some cases, a large CSD can form a CCS on its own. CCSs are used primarily for disseminating Census of Agriculture data.

**Census Division (CD).** A geographic area established by provincial law that is an intermediate area between the census subdivision and the province (e.g. division, county, regional district, regional municipality).

In Newfoundland, Manitoba, Saskatchewan and Alberta, provincial law does not provide for this administrative area. Therefore, CDs have been created by Statistics Canada in cooperation with these provinces.

**Census Metropolitan Area (CMA).** A very large urban area, together with adjacent urban and rural areas that have a high degree of economic and social integration with that urban area. A CMA is comprised of one or more contiguous census subdivisions (CSD). CMAs are defined by Statistics Canada, sometimes in cooperation with provincial focal points.

A CMA is delineated around an urban area (called the urbanized core and having a population of at least 100,000, based on the previous census). Census subdivisions are included in the CMA on the basis of decennial place-of-work commuting data. Once an area becomes a CMA, it is retained in the program even if its population subsequently declines.

**Census Subdivision (CSD).** A municipality as determined by provincial legislation (such as city, town, village), or its equivalent (e.g. Indian reserve, Indian settlement and unorganized territory). In Newfoundland, Nova Scotia and British Columbia, other types of CSDs have been created by Statistics Canada in cooperation with the provinces as equivalents for municipalities.

Indian settlements are recognized as CSDs by Statistics Canada in cooperation with Indian and Northern Affairs Canada, and with provincial/territorial authorities.

### ***Glossary (cont'd.)***

**Census Subdivision Type.** The type indicates the municipal status of a census subdivision. CSDs are classified into various types, according to official designations adopted by provincial or federal authorities.

**Census Tract (CT).** A permanent, small urban neighbourhood-like or rural community-like area established in large urban centres with the help of local specialists interested in urban and social science research.

Census tracts are delineated jointly by a local committee and Statistics Canada. The population must be between 2,500 and 8,000, with a preferred average of 4,000 persons (except for those CTs in central business districts, in other major commercial and industrial zones, or in peripheral rural or urban areas that may have either a lower or higher population). Also, when first delineated or subsequently subdivided, CTs must be as socio-economically homogeneous and compact in shape as possible, and follow permanent, easily recognizable physical features.

All CMAs and CAs in Canada containing a CSD having a population of 50,000 or more at the previous census are eligible for a census tract program.

**CMA/CA Component.** Refers to the census subdivisions (CSDs) that form the building blocks of a census metropolitan area (CMA), census agglomeration (CA), primary census metropolitan area (PCMA) or primary census agglomeration (PCA).

**CMA/CA Parts.** The parts distinguish between central and peripheral urban and rural areas within a CMA or CA. There are three CMA/CA parts:

**Urbanized core.** A large urban area around which a CMA or CA is delineated. The urbanized core must have a population (based on the previous census) of at least 100,000 in the case of a CMA, or between 10,000 and 99,999 in the case of a CA.

**Urban fringe.** An urban area within a CMA or CA, but outside the urbanized core.

**Rural fringe.** All territory within a CMA or CA lying outside urban areas.

**Electronic Shelf.** A Statistics Canada service that allows clients to choose any standard table(s) available in published or electronic format. For selected tables, geographical detail not included in published format is available through this service.

**Enumeration Area (EA).** The geographic area canvassed by one census representative. The number of dwellings in an EA generally varies between a maximum of 375 in large urban areas to a minimum of 125 in rural areas. An EA always respects higher level geographic areas recognized by the census, and is the smallest geographic area for which census data are available.

**Federal Electoral District (FED).** Any place or territorial area entitled to return a member to serve in the House of Commons. FED legal limits and descriptions are the responsibility of the Chief Electoral Officer, and usually are revised every 10 years using the results of the decennial census.

The 1987 Representation Order is the most current one, and is based on 1981 Census population data.

**Glossary (cont'd.)**

**Forward Sortation Area (FSA).** An area represented by the first three characters of the Postal Code. An urban FSA is served by approximately 25 postal walks; a rural FSA encompasses not more than 199 rural postal offices. Rural FSAs are identified by the presence of a "0" in the second position of the FSA code.

**Geocoding.** The process of assigning explicit and/or implicit geographic identifiers to records or map features stored in a data file. Explicit geocodes involve coordinates (e.g. latitude/longitude, UTM) defining the absolute positions of points, lines or areas. Implicit geocodes include addresses, census subdivision codes, postal codes, etc. that are linked to these points, lines or areas.

**Geographic Area.** An area delineated or employed for the collection, compilation, analysis and dissemination of census data.

**Geographic Reference Date.** Date determined by Statistics Canada to establish the geographic framework for which census data will be collected, tabulated and reported. For the 1991 Census, the geographic reference date is January 1, 1991.

**Lambert Conformal Conic Map Projection.** A conformal map projection of the conical type that is widely used for Canada maps, since it provides good directional and shape relationships for mid-latitude regions having a mainly east-to-west extent. Standard parallels at 49°N and 77°N are most commonly used, as well as a central meridian at 91°52'W.

**Land Area.** Refers to area measurement (in square kilometres). All measurements of the geographic areas apply to the limits in effect on January 1, 1991, the geographic reference date for the 1991 Census of Canada.

*Gross*land area includes bodies of water; *net* land area excludes discernible bodies of water found on the maps used to calculate land area.

**Latitude, Longitude.** A spherical coordinate system to specify locations on the surface of the earth.

**National Topographic System (NTS).** A system designed to provide for the orderly mapping of Canada at a range of scales from 1:1,000,000 to 1:25,000. The system of map scales and sheet lines is based on a grid of primary quadrangles, each 4° of latitude by 8° of longitude.

**Place Name.** A name for localities, urban neighbourhoods, post offices, communities and other types of unincorporated places. Place names include the names of inhabited places, formerly inhabited places and other names associated with some human activity.

**Postal Walk.** The route covered by one letter carrier.

**Glossary (cont'd.)**

**Primary Census Agglomeration (PCA).** A subregion within a larger *consolidated* CMA or CA. Consolidation occurs when adjacent CMAs or CAs are socially and economically integrated, specifically when the total commuting interchange between the two is equal to at least 35% of the employed labour force living in the smaller CMA or CA, based on the previous census. After consolidation, the original CA becomes a PCA within the consolidated CMA or CA.

A *regular* CA is free-standing; it is either not adjacent to or not sufficiently related to another CMA or CA to be consolidated.

**Primary Census Metropolitan Area (PCMA).** A subregion within a larger *consolidated* CMA. Consolidation occurs when adjacent CMAs or CAs are socially and economically integrated, specifically when the total commuting interchange between the two is equal to at least 35% of the employed labour force living in the smaller CMA or CA, based on the previous census. After consolidation, the original CMA becomes a PCMA within the consolidated CMA.

A *regular* CMA is free-standing; it is either not adjacent to or not sufficiently related to another CMA or CA to be consolidated.

**Province.** The major political division of Canada. From a statistical point of view, it is a basic unit for which data are tabulated and cross-classified.

**Provincial Census Tract (PCT).** A permanent, small urban neighbourhood-like or rural community-like area established outside those CMAs and CAs having a census tract (CT) program. PCTs encompass populations between 3,000 and 8,000, with a preferred average of 5,000 persons. When possible, PCT boundaries follow permanent physical features. When originally delineated, PCTs in some provinces were based on boundaries suggested by provincial authorities.

Taken together, CTs and PCTs cover all of Canada.

**Representative Point.** Formerly called a centroid, it is a pair of coordinate values (x,y) that represents a geographic entity for the purpose of assigning aggregate data to that entity.

**Rural Area.** Sparsely populated areas outside urban areas. It is the area left over after defining urban areas.

**Standard Geographical Classification (SGC).** Statistics Canada's official classification of geographic areas in Canada. The SGC provides unique numeric identification for three types of geographic areas: provinces/territories, census divisions and census subdivisions.

The three geographic areas are hierarchically related. CSDs aggregate to CDs, which in turn aggregate to a province or territory. This relationship is reflected in the 7-digit code: 2 digits for provinces/territories, 2 digits for census divisions and 3 digits for census subdivisions.

**Glossary (cont'd.)**

**Subprovincial Region (SPR).** A grouping of complete census divisions. Prince Edward Island and the two Territories each consist of one SPR. SPRs coincide with the current Labour Force Survey (LFS) economic regions, except in British Columbia, Ontario and Quebec.

SPRs are designated by law in Quebec and British Columbia. In the other provinces, the regions were created by agreement between Statistics Canada and the province/territory. SPRs are used primarily for disseminating economic data.

**Territory.** Two major political divisions of Canada, namely Yukon Territory and Northwest Territories. From a statistical point of view, these territories are equivalent to province (i.e. a basic unit for which data are tabulated and cross-classified).

**Thematic Map.** Also called a special-purpose or statistical map, it is a map that focuses on a specific distribution or theme, rather than on general-reference features such as boundaries, water bodies, roads and place names.

**Unincorporated Place (UP).** A cluster of five or more occupied dwellings in rural areas, locally known by a specific name, but not having a local government or legal limits.

**Universal Transverse Mercator (UTM).** An international grid system that covers the earth's surface between 84°N and 80°S. The earth is divided into 60 north-south zones, each of which is 6° of longitude wide. The zones are numbered from 1 to 60 eastward, beginning at the 180th meridian. A grid system is superimposed on the zones, and separate Transverse Mercator projections are centred on each zone.

**Urban Area (UA).** An area containing a dense concentration of population. It must have a population of at least 1,000 and a density of at least 400 persons per square kilometre, based on the previous census. Urban areas are comprised of complete enumeration areas. UAs separated by gaps of less than two kilometres (road distance) are combined to form a single urban area.

All territory lying outside urban areas is considered rural. Taken together, urban and rural areas cover all of Canada.

## 7. APPENDICES

### Appendix 1

#### NUMBER OF 1991 REFERENCE MAPS BY PROVINCE OR TERRITORY

Coverage	EA					CD/ CSD	CMA/ CA/ CT	FED	SPR/ CD	TOTAL
	SERIES 1		SERIES 2		SERIES 3					
	Large Urban (Automated)	Large Urban (Manual)	Small Urban (Automated)	Small Urban (Manual)	Rural					
Newfoundland	15	18	0	44	145	1	6	-	-	229
Prince Edward Island	0	0	0	9	15	1	2	-	-	27
Nova Scotia	25	30	0	48	91	1	6	-	-	202
New Brunswick	44	19	21	31	93	1	8	-	-	217
Quebec	310	104	4	216	396	4	40	-	-	1,074
Ontario	696	92	71	156	287	2	62	-	-	1,366
Manitoba	66	0	0	27	227	2	6	-	-	328
Saskatchewan	38	19	0	46	412	2	12	-	-	529
Alberta	110	62	0	62	305	2	13	-	-	554
British Columbia	267	13	13	115	409	3	26	-	-	648
Yukon Territory	0	0	0	0	1	1	1	-	-	3
Northwest Territories	0	0	0	8	1	1	1	-	-	11
CANADA	-	-	-	-	-	1	1	1	1	4
TOTAL (with duplicate counts) <sup>1</sup>	1,572	357	109	762	2,382	22	186	1	1	5,392
TOTAL (without duplicate counts)	1,554	357	109	762	2,382	22	180	1	1	5,368

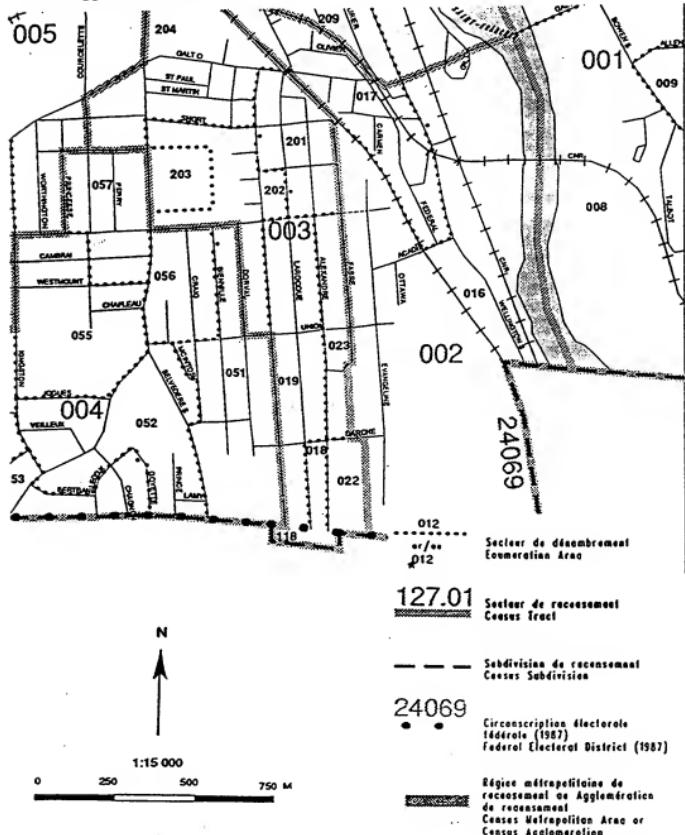
<sup>1</sup> Map sheets that cross provincial limits are counted in both provinces.

## Appendix 2

### 1991 Reference Maps - Samples

#### Series 1: Large Urban Centres

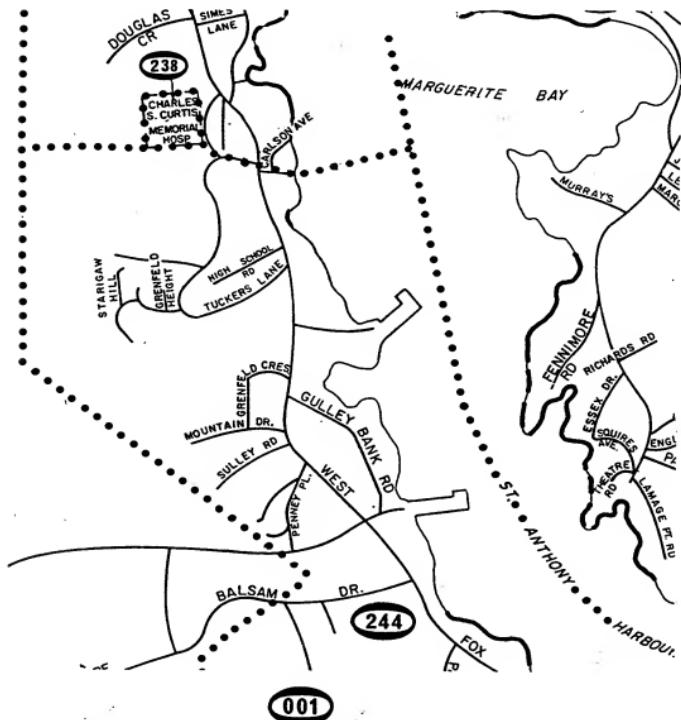
This series depicts the enumeration areas within urban centres with a population of 50,000 and over that are part of the census tract program. Also shown on the maps are census tract, census subdivision, federal electoral district, census metropolitan area and census agglomeration boundaries.



**Appendix 2 (cont'd.)**

**Series 2: Small Urban Centres**

This series depicts enumeration areas within census subdivisions and unincorporated places. Federal electoral districts are also shown on the maps.



Enumeration Area



Secteur de dénombrement

Census Subdivision



Subdivision de recensement

Federal Electoral District



Circonscription électorale fédérale

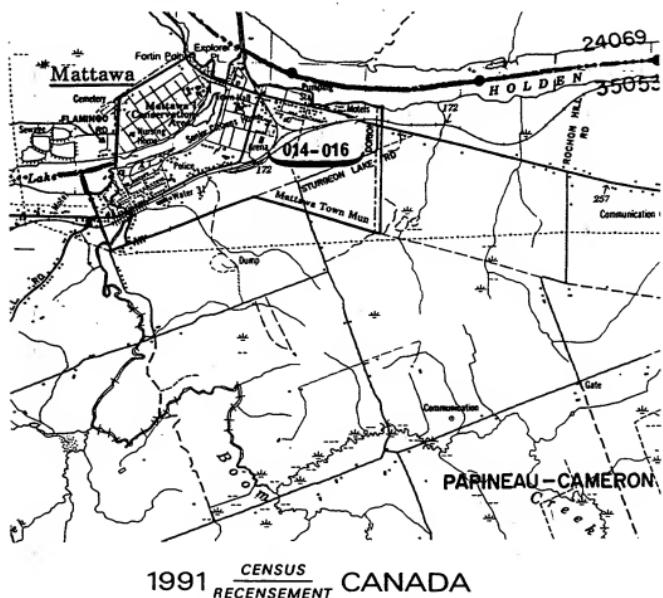
Geography Division,  
Statistics Canada

Division de la géographie,  
Statistique Canada

## **Appendix 2 (cont'd.)**

### Series 3: Rural Areas

This series depicts enumeration areas in rural areas. Also shown are census subdivision, census division, federal electoral district, census metropolitan area and census agglomeration boundaries.



1991 CENSUS  
RECENSEMENT CANADA

### Enumeration Area

## **Secteur de dénombrement**

### Census Subdivision

#### Subdivision do ensinoamento

### Census Division

Division de recensement

### **Federal Electoral District**

### 24001 Circonscription électorale fédérale

Census Metropolitan Area (CMA) or  
Census Agglomeration Area (CA)

Région métropolitaine de recensement (RMR) ou  
Agglomération de recensement (AR)

**Geography Division,  
Statistics Canada**

*Division de la géographie,  
Statistique Canada*

## Appendix 3

### List of CSDs covered by Street Network Files

The following list provides the census subdivisions (CSDs) found within Census Metropolitan Areas (CMAs) and Census Agglomerations (Cas) covered by the Street Network File.

#### PROVINCE

<u>CMA/CA NAME</u>	<u>CSD Name</u>
--------------------	-----------------

#### NEWFOUNDLAND

##### **ST. JOHN'S CMA**

St. John's, C  
Wedgewood Park, T

#### NOVA SCOTIA

##### **HALIFAX CMA**

Bedford, T  
Dartmouth, C  
Halifax, C

#### NEW BRUNSWICK

##### **MONCTON CA**

Coverdale, PAR	Dieppe, T
Dorchester, PAR	Dorchester, VL
Fort Folly 1, R	Saint-Joseph, VL
Hillsborough, PAR	Hillsborough, VL
Moncton, C	Moncton, PAR
Riverview, T	Salisbury, VL

##### **SAINT JOHN CMA**

Saint John, C

##### **FREDERICTON CA**

Devon 30, R  
Fredericton, C  
Saint Mary's 24, R

**Appendix 3 (cont'd.)**

**QUEBEC**

**CHICOUTIMI - JONQUIÈRE CMA**

Chicoutimi, V  
Jonquière, V  
La Baie, V

**MONTRÉAL CMA**

Anjou, V	Saint-Léonard, V
Beauharnois, V	Béloeil, V
Blainville, V	Boisbriand, V
Bois-des-Filion, V	Boucherville, V
Brossard, V	Candiac, V
Carignan, V	Chambly, V
Charlemagne, V	Châteauguay, V
Deux-Montagnes, V	Dorion, V
L'Île-Dorval, V	Dorval, C
Lachine, V	Greenfield Park, V
Kirkland, V	Beaconsfield, V
L'Île-Perrot, V	La Prairie, V
Lachenaie, V	LaSalle, V
Verdun, V	Laval, V
Le Gardeur, V	LeMoyne, V
Léry, V	Longueuil, V
Lorraine, V	Maple Grove, V
Mascouche, V	McMasterville, VL
Mirabel, V	Mont-Royal, V
Outremont, V	Mont-Saint-Hilaire, V
Montréal, V	Westmount, V
Montréal-Est, V	Montréal-Nord, V
Montréal-Ouest, V	Côte-Saint-Luc, C
Hampstead, V	Saint-Pierre, V
Otterburn Park, V	Pierrefonds, V
Roxboro, V	Sainte-Geneviève, V
Pointe-Claire, V	Pointe-Claire, V
Dollard-des-Ormeaux, V	Repentigny, V

**Appendix 3 (cont'd.)**

**MONTRÉAL CMA (cont'd.)**

Richelieu, V	Rosemère, V
Saint-Amable, SD	Saint-Basile-le-Grand, V
Saint-Bruno-de-Montarville, V	Saint-Eustache, V
Saint-Hubert, V	Saint-Lambert, V
Saint-Laurent, V	Saint-Mathieu-de-Beloeil, P
Saint-Raphaël-de-L'Île-Bizard, P	Sainte-Julie, V
Sainte-Marthe-sur-le-Lac, V	Sainte-Thérèse, V
Senneville, VL	
Baie-d'Urfe, V	Sainte-Anne-de-Bellevue, V
Terrasse-Vaudreuil, SD	Varennes, V
L'Île-Cadieux, V	Vaudreuil, V
Vaudreuil-sur-le-Lac, VL	

**OTTAWA - HULL CMA (Québec Part)**

Aymer, V	Buckingham, V
Chelsea, SD	Gatineau, V
Cantley, SD	Hull, V
La Pêche, SD	Masson, V
Pontiac, SD	Val-des-Monts, SD

**QUÉBEC CMA**

Beauport, V	Bernières, SD
Cap-Rouge, V	Charlesbourg, V
Charny, V	L'Ancienne-Lorette, V
Loretteville, V	Wendake, R
Notre-Dame-des-Anges, P	Québec, V
Saint-Étienne-de-Lauzon, SD	Saint-Jean-Chrysostome, V
Saint-Lambert-de-Lauzon, P	Saint-Nicolas, V
Saint-Rédempteur, V	Saint-Romuald, V
Sainte-Foy, V	Sainte-Hélène-de-Breakeyville, P
Sillery, V	Vanier, V

**SHERBROOKE CMA**

Sherbrooke, V

**Appendix 3 (cont'd.)**

**TROIS-RIVIÈRES CMA**

Cap-de-la-Madeleine, V  
Trois-Rivières, V  
Trois-Rivières-Ouest, V

**SAINT-JÉRÔME CA**

Saint-Jérôme, V

**ONTARIO**

**BRANTFORD CA**

Brantford, C  
Brantford, TP  
Paris, T

**GUELPH CA**

Eramosa, TP  
Guelph, C  
Guelph, TP

**HAMILTON CMA**

Ancaster, T  
Dundas, T  
Glanbrook, TP  
Hamilton, C

Burlington, C  
Flamborough, T  
Grimsby, T  
Stoney Creek, C

**KINGSTON CA**

Kingston, C  
Kingston, TP

**KITCHENER CMA**

Cambridge, C  
North Dumfries, TP  
Woolwich, TP

Kitchener, C  
Waterloo, C

**Appendix 3 (cont'd.)**

**LONDON CMA**

Delaware, TP	Lobo, TP
London, C	London, TP
North Dorchester, TP	Port Stanley, VL
Southwold, TP	West Nissouri, TP
Westminster, T	Belmont, VL
St. Thomas, C	Yarmouth, TP

**NORTH BAY CA**

East Ferris, TP
Nippissing 10, R
North Bay, C
North Himsworth, TP

**OSHAWA CMA**

Newcastle, T
Oshawa, C
Whitby, T

**OTTAWA - HULL CMA (Ontario Part)**

Clarence, TP	Cumberland, TP
Gloucester, C	Goulbourn, TP
Kanata, C	Nepean, C
Osgoode, TP	Ottawa, C
Rideau, TP	Rockcliffe Park, VL
Rockland, T	Vanier, C
West Carleton, TP	

**PETERBOROUGH CA**

Peterborough, C

**SARNIA-CLEARWATER CA**

Moore, TP
Point Edward, VL
Sarnia-Clearwater, C
Sarnia 45, R

**Appendix 3 (cont'd.)**

**SAULT STE. MARIE CA**

Garden River 14, R  
Laird, TP  
Prince, TP  
Rankin Location 15D, R

Macdonald Meredith  
and Aberdeen Additional, TP  
Sault Ste. Marie, C

**ST. CATHARINES - NIAGARA CMA**

Fort Erie, T  
Niagara Falls, C  
Pelham, T  
St. Catharines, C  
Wainfleet, TP

Lincoln, T  
Niagara-On-The-Lake, T  
Port Colborne, C  
Thorold, C  
Welland, C

**SUDSBURY CMA**

Sudbury, C

**THUNDER BAY CMA**

Thunder Bay, C

**TORONTO CMA**

Ajax, T  
Brampton, C  
East York, BOR  
Georgina, T  
Halton Hills, T  
King, TP  
Mississauga, C  
North York, C

Aurora, T  
East Gwillimbury, T  
Etobicoke, C  
Georgina Island 33, R  
Milton, T  
Markham, T  
Newmarket, T  
Oakville, T

Pickering, T  
Scarborough, C  
Uxbridge, TP  
Whitchurch-Stouffville, T

Richmond Hill, T  
Toronto, C  
Vaughan, C  
York, C

**WINDSOR CMA**

Colchester North, TP  
Essex, T  
Windsor, C

**Appendix 3 (cont'd.)**

**WOODSTOCK CA**

Woodstock, C

**BELLEVILLE CA**

Belleville, C

**STRATFORD CA**

Stratford, C

**OUTSIDE CMA/CA**

**BROCK (Ontario)**

Brock, TP

**FERGUS (Ontario)**

Fergus, T

**SCUGOG (Ontario)**

Scugog, TP  
Scugog 34, R

**WELLESLEY (Ontario)**

Wellesley, TP

**WEST LINCOLN (Ontario)**

West Lincoln, TP

**WILMOT (Ontario)**

Wilmot, TP

**Appendix 3 (cont'd.)**

**MANITOBA**

**WINNIPEG CMA**

East St. Paul, RM	Ritchot, RM
Rosser, RM	Springfield, RM
St. Francois Xavier, RM	Tache, RM
West St. Paul, RM	Winnipeg, C

**OUTSIDE CMA/CA**

**BENITO (Manitoba)**

Benito, VL

**SASKATCHEWAN**

**REGINA CMA**

Lumsden, T
Regina, C
Sherwood No. 159, RM
Grand Coulee, VL

**SASKATOON CMA**

Saskatoon, C

**ALBERTA**

**CALGARY CMA**

Calgary, C

**EDMONTON CMA**

Edmonton, C

**LETHBRIDGE CA**

Lethbridge, C

**RED DEER CA**

Red Deer, C

*Appendix 3 (cont'd.)*

**BRITISH COLUMBIA**

**KAMLOOPS CA**

Kamloops, C  
Kamloops 1, R

**KELOWNA CA**

Duck Lake 7, R	Kelowna, C
Peachland, DM	Tsinstiketum 9, R
Tsinstiketum 10, R	Central Okanagan Subd. B, SRD

**MATSQUI CA**

Matsqui, DM	Matsqui Main 2, R
-------------	-------------------

**PRINCE GEORGE CA**

Prince George, C

**VANCOUVER CMA**

Burnaby, DM	Coquitlam, DM
Coquitlam 1, R	Delta, DM
Tsawwassen, R	Musqueam 4, R
Anmore, VL	Barnston Island 3, R
Belcarra, VL	Greater Vancouver, Subd. A, SRD
Lions Bay, VL	Katzie 2, R
Langley, C	Langley, DM
Matsqui 4, R	McMillan Island 6, R
Katzie 1, R	Langley 5, R
Maple Ridge, DM	Whonnock 1, R
New Westminster, C	North Vancouver, C
Mission 1, R	North Vancouver, DM
Burrard Inlet 3, R	Seymour Creek 2, R
Pitt Meadows, DM	Port Coquitlam, C
Coquitlam 2, R	Port Moody, C
Richmond, C	Surrey, DM

**Appendix 3 (cont'd.)**

**VANCOUVER CMA (cont'd.)**

University Endowment Area, SRD	
Vancouver, C	Musqueam 2, R
West Vancouver, DM	Capilano 5, R
White Rock, C	Semiahmoo, R

**VICTORIA CMA**

Becher Bay 1, R	Capital Subd. B, SRD
Colwood, C	Esquimalt, DM
Metchosin, DM	New Songhees 1A, R
View Royal, T	Capital Subd. C, SRD
Sooke 1, R	Sooke 2, R
Central Saanich, DM	East Saanich 2, R
South Saanich 1, R	Esquimalt, R
Cole Bay 3, R	North Saanich, DM
Union Bay 4, R	Oak Bay, DM
Saanich, DM	Sidney, T
Victoria, C	

**OUTSIDE CMA/CA**

Gordon River 2, R
Pacheena 1, R
Capital Subd. D, SRD

## **8. Regional Reference Centres**

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### **ATLANTIC REGION**

**Serving Newfoundland and Labrador,  
Nova Scotia, Prince Edward Island and  
New Brunswick.**

Advisory Services  
Statistics Canada  
North American Life Centre  
1770 Market Street  
HALIFAX, Nova Scotia  
B3J 3M3

Toll free service: 1-800-565-7192  
Local calls: (902) 426-5331  
Fax number: (902) 426-9538

### **QUÉBEC REGION**

Advisory Services  
Statistics Canada  
200 René Lévesque Blvd. W.  
Guy Favreau Complex  
4th Floor, East Tower  
MONTREAL, Québec  
H2Z 1X4

Toll free service: 1-800-361-2831  
Local calls: (514) 283-5725  
Fax number: (514) 283-9350

### **NATIONAL CAPITAL REGION**

Statistical Reference Centre (NCR)  
Statistics Canada  
R.H. Coats Building Lobby  
Holland Avenue  
OTTAWA, Ontario  
K1A 0T6

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Local calls: (613) 951-8116  
Fax number: (613) 951-0581

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Arthur Meighen Building, 10th Floor  
25 St. Clair Avenue East  
TORONTO, Ontario  
M4T 1M4

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Local calls: (416) 973-6586  
Fax number: (416) 973-7475

### **PACIFIC REGION**

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Statistics Canada  
Library Square Tower  
#600 - 300 West Georgia St.  
VANCOUVER, B.C.  
V6B 6C7

Toll free service: 1-800-263-1136  
Local calls: (604) 666-2574  
Fax number: (604) 666-4863

***Regional Reference Centres (cont'd.)***

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344 Edmonton Street  
WINNIPEG, Manitoba  
R3B 3L9

Toll free service: 1-800-661-7828  
Local calls: (204) 983-4020  
Fax number: (204) 983-7543

Advisory Services  
Statistics Canada  
Avord Tower, 9th Floor  
2002 Victoria Avenue  
REGINA, Saskatchewan  
S4P 0R7

Toll free service: 1-800-667-7164  
Local Calls: (306) 780-5405  
Fax Number: (306) 780-5403

Advisory Services  
Statistics Canada  
First Street Plaza, Room 401  
138 - 4th Avenue South East  
CALGARY, Alberta  
T2G 4Z6

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Fax Number: (403) 292-4958

Advisory Services  
Statistics Canada  
Park Square, 8th Floor  
10001 Bellamy Hill  
EDMONTON, Alberta  
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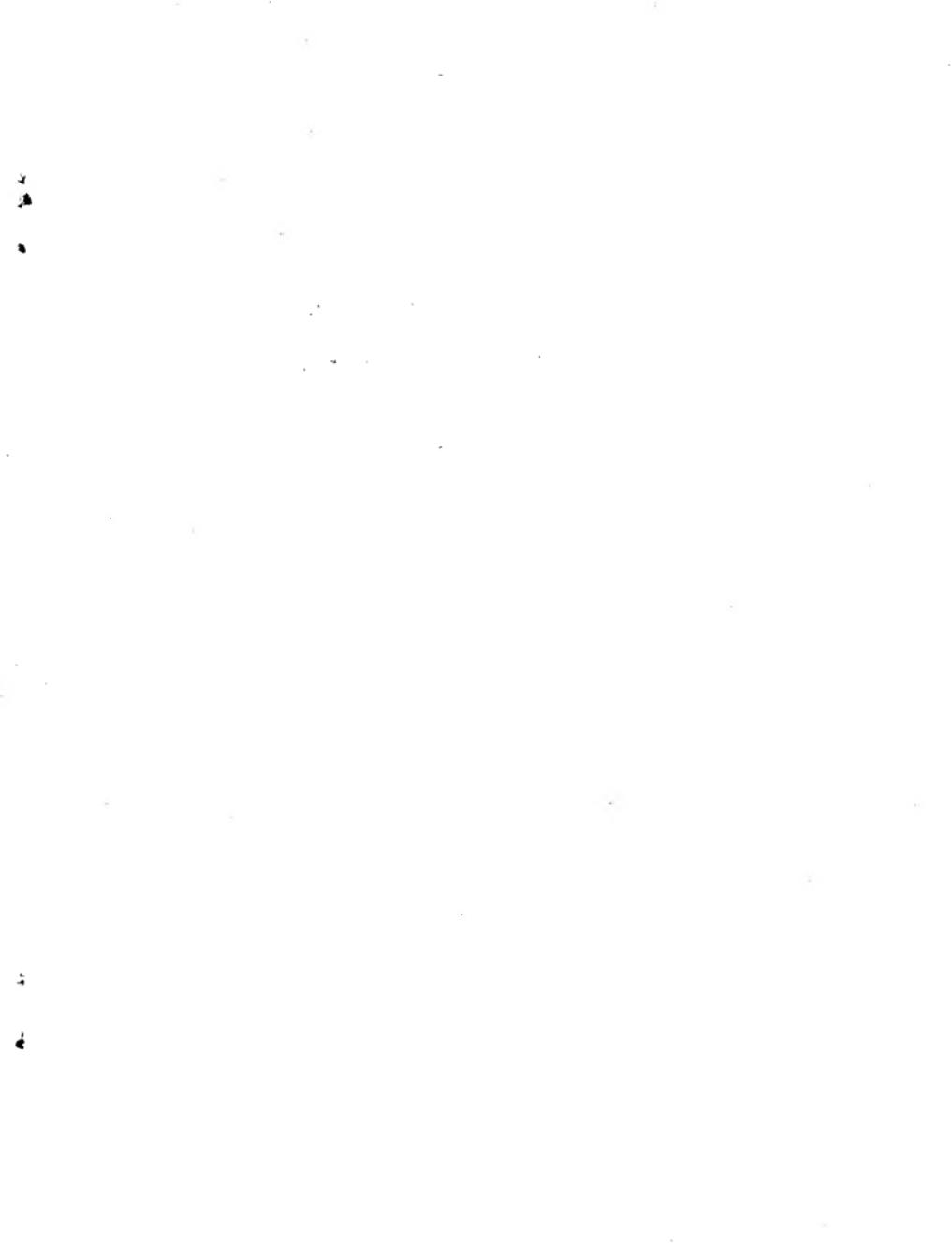
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